

DELTA AMATEUR RADIO CLUB

SPARKS

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



Welcome
to the

Delta Amateur Radio Club!

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

W4BS
REPEATER
SYSTEM

146.82, 147.36,
224.42, & 443.2

OCTOBER 2006 CLUB MEETING

DATE: October 10, 2006 (2nd Tuesday - be there)
PLACE: Ellendale Church Of Christ, 7365 Highway 70,
Memphis, Tn. (2 miles east of Hwy. 64-Stage Rd.)
TIME: 7:00 PM
PROGRAM: Identity Theft, Darrell - KK4D

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

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

Please Remember: Deadline for Reports and Articles for the next issue of SPARKS is Tuesday, October 31st. All articles **MUST** be in to me by the deadline in order to be published in the next issue. Please forward all articles and items of interest to:

paulsonrj@bellsouth.net

PRESIDENT'S CORNER

Thanks to all that came out and assisted with the MS-150 and those that are willing to participate in the Public Service events. I would like to see everybody that can to help with those. Eddie has been heading up several of the events, if you are interested in help set up other events I encourage you to see Eddie or the Board members and express your interest. There are several events coming up soon which include the Bluff City Blues 100 on Oct.14 (contact Eddie KF4QFW), Scoutbase Oct. 20-23 (contact Hugh WB4SLI) the Bartlett and Cordova Christmas Parades so pick a couple and come on out to help.

While on the subject of participation I hope that the Nominating Committee has been able to contact those of you that would like to serve on the board for 2007. There are several members that I would like to see step up and serve. If interested in a position contact the committee, Hugh,

WB4SLI, Roger, KI4AJH, Aubrey, KG4YZW, The Board or come to the meeting Tuesday and let us know.

See ya'all at the meeting.
73, Darrell KK4D

DARC BOARD MEETING September 5, 2006

KK4D-Darrell called the meeting to order at 7:03. There were 6 board members present. KK4D-Darrell, KI4DR-Dave, K4POM-Lisa, KU4AW-Ben, K4KCU-Roger, and KA4BLL-Ned

KK4D-Darrell read the treasurer's report and K4POM read the secretary's minutes. KA4BLL motioned to accept them as read and KU4AW-Ben seconded.

Old Business:

The board discussed the upcoming MS 150.

KK4D-Darrell requested permission to purchase the supplies for the general meeting in September. We unanimously approved.

New Business:

We discussed who we would contact to be the nominating committee.

We voted on 3 new members. They were unanimously accepted.

We then discussed having a representative for Scout Base.

KK4D-Darrell presented WA4OVO-Joe's request to have ARRL testing at the same time we have VE testing. We unanimously voted to allow it.

The meeting was adjourned at 7:43 p.m.

Respectfully submitted by,

K4POM-Lisa Sheffield
DARC Secretary

DARC MEMBERSHIP MEETING September 12, 2006

KK4D-Darrell called the meeting to order with the introduction of the 34 members and 1 guest. He then turned the meeting over to KF4QFW-Eddie to discuss the upcoming MS 150. He introduced Miranda Harber from the MS office here in Memphis who thanked all the members who would be participating. She told the members how important hams were to their event again thanking all who will be participating.

KK4D-Darrell then presented the treasurer's report and requested to accept the secretary's report as printed in SPARKS. There were no objections and they were unanimously accepted as printed.

Old Business:

KB4SQV- Bill asked about the 36 repeater. KK4D-Darrell addressed the issue to the membership.

New Business:

KK4D-Darrell presented the nominating committee to the membership. There were no objections.

He then requested for any members that have family or friends who are ham operators serving in the military in Iraq to give addresses so that we can send mail to them in support of their service.

KK4D-Darrell then turned the meeting over to WB4SLI-Hugh to request help for the upcoming Scout Base in Tunica in October.

KK4D then gave information on a new public service event in need of help-Wet Nose Pet Walk to be held on September 30, 2006.

KF4QFW-Eddie also gave information on the Memphis Hightailers bike ride in October requesting for volunteers for it.

KA4BLL-Ned gave the VE report.

WA4OVO-Joe gave the membership information on the ARRL Golden Antenna award from Germany. He also informed the members of an online auction hosted by ARRL.

At 7:35 the program of making 2 and 6 meter J-poles began.

The meeting was adjourned @ 9:30 p.m.

Respectfully submitted by,

K4POM-Lisa Sheffield
DARC Secretary

**ARRL EMCOMM COURSE
TESTING
At Delta Club Testing Session**

Rich Garrett, AI4BN and Bill Covington, KC4SXT will be available to administer the tests for the ARRL Emergency Communications Level I, Level II, and Level III courses on September 12th at the Delta Club testing session location. These are like the tests that were given at the recent ARES meeting. Registration is at 5:30pm with testing starting about 6pm. There is a \$10 charge per test (make check payable to ARRL). Please let Rich Garrett know in advance which test(s) you want to take so he can have enough tests available. He can be reach via email at ai4bn@dsg.us or at home at 901-683-6371. The testing location is at Ellendale Church of Christ, 2nd Floor of rear building, 7635 Higway 70 (prox 1-1/4 miles east of Stage Rd in Bartlett.

ARRL NEWSLETTER

**NEW LAW FORMALLY MAKES
AMATEUR RADIO PART OF
EMERGENCY
COMMUNICATIONS
COMMUNITY**

A section of the Department of Homeland Security (DHS) 2007 Appropriations Act, HR 5441 <<http://thomas.loc.gov/cgi-bin/bdquery/z?d109:h.r.05441:>>, formally includes Amateur Radio operators as a part of the emergency communications community. Congress approved the measure

before adjourning for its pre-election break. President George W. Bush signed the bill into law October 4.

Amateur Radio is included within the legislation's Subtitle D, Section 671, known as the "21st Century Emergency Communications Act." Radio amateurs are among the entities with which a Regional Emergency Communications Coordination Working Group (RECC Working Group) must coordinate its activities. Included within the DHS's Office of Emergency Communications -- which the measure also creates -- RECC Working Groups attached to each regional DHS office will advise federal and state homeland security officials. The final version of the legislation incorporated language from both House and Senate bills and was hammered out in a conference committee. An earlier version of the 21st Century Emergency Communications Act, HR 5852, included Amateur Radio operators as members of the RECC Working Groups.

In addition to Amateur Radio operators, RECC Working Groups also will coordinate with communications equipment manufacturers and vendors -- including broadband data service providers, local exchange carriers, local broadcast media, wireless carriers, satellite communications services, cable operators, hospitals, public utility services, emergency evacuation transit services, ambulance services, and representatives from other private

sector entities and nongovernmental organizations.

The RECC Working Groups will assess the survivability, sustainability and interoperability of local emergency communication systems to meet the goals of the National Emergency Communications Report. That report would recommend how the US could "accelerate the deployment of interoperable emergency communications nationwide." They also will coordinate the establishment of "effective multi-jurisdictional, multi-agency emergency communications networks" that could be brought into play in an emergency or disaster.

In light of the new legislation, the ARRL plans to follow up to determine how it can interact with the DHS and its Office of Emergency Communications.

**FCC DOCKS TRAVEL CENTER
FOR MARKETING NON-
CERTIFIED CBs AS AMATEUR
GEAR**

The FCC has fined Love's Travel Stops & Country Stores Inc of Oklahoma City, Oklahoma, \$25,000 for violating the Communications Act of 1934, as amended, by offering for sale non-certified Citizens Band (CB) transceivers. The Forfeiture Order (NoF) <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-06-1936A1.pdf> released September 29 recounts a history of alleged

violations dating back to 2001, when the Commission issued the first of seven citations to Love's for marketing non-certified CB transceivers. All CB transmitting equipment must first receive FCC certification before it can be marketed or sold in the US.

"Based on the evidence before us, we find that Love's willfully and repeatedly violated Section 302(b) of the Act and Section 2.803(a) of the rules by offering for sale non-certified CB transmitters on three instances -- two on February 23, 2005, and one on February 25, 2005," said the NoF, signed by the FCC Enforcement Bureau's South Central Region Director Dennis P. Carlton. The FCC said that between March 2004 and January 2005, Enforcement Bureau field agents, following up on complaints, visited 10 Love's retail outlets in Oklahoma, Texas, Arizona and California. "At these locations, the stores displayed and offered for sale various models of non-certified CB transceivers marketed as ARS [Amateur Radio Service] transmitters," the FCC NoF noted.

According to the NoF, Love's attorney had argued that because the radios in question were marketed as Amateur Radio equipment and "as sold" operate only on the amateur bands, the transceivers fell under the FCC's Part 97 Amateur Radio Service rules. The FCC pointed out, however, that its Office of Engineering and Technology (OET) had specifically tested the two Galaxy models in question (DX99V

and DX33HML) and found both to be "dual-use" Amateur Radio and CB transmitters.

"Each of the models could be modified to allow transmit capabilities on CB frequencies," the FCC said in the NoF. In 1999, the OET clarified that ARS transceivers that have "a built-in capability to operate on CB frequencies and can easily be altered to activate that capability, such as by moving or removing a jumper plug or cutting a single wire" fall under the FCC's definition of a CB transmitter.

"We conclude that seven citations were more than sufficient to provide Love's actual notice that marketing this equipment is unlawful and that continued violations could make Love's liable for severe sanctions," the FCC said.

The Love's case was reminiscent of other FCC enforcement proceedings alleging marketing of uncertified CB transceivers labeled as Amateur Radio gear, including one against Pilot Travel Centers LLC that could have cost the company \$125,000 in fines. That case ended last May with a consent decree. While Pilot agreed to make "a voluntary contribution" of \$90,000 to the US Treasury "without further protest or recourse," it did not admit to any wrongdoing.

In June, the FCC affirmed a \$7000 fine on TravelCenters of America in Troutdale, Oregon, for

marketing uncertified CB transceivers as 10-meter Amateur Radio transceivers. The FCC turned away TravelCenters' argument that the transceivers in question were not CB transceivers, which require FCC certification, but Amateur Radio transceivers, which do not.

160-METER EXPERIMENT WILL EXPLORE MARCONI'S 1901 TRANSATLANTIC SUCCESS

A 160-meter beacon will take to the air this fall and winter from Cornwall, England, to explore how Guglielmo Marconi was able to span the Atlantic by wireless for the first time on December 12, 1901. Radio history says that's when the radio pioneer at a receiving station in Newfoundland successfully copied the Morse code letter "s" sent repeatedly by his team in the Cornwall town of Poldhu. The latter-day venture is a cooperative effort of the Poldhu Amateur Radio Club (PARK) in Cornwall and the Marconi Radio Club of Newfoundland (MCRN). The Poldhu club's Keith Matthew, G0WYS, said the 2001 centenary of Marconi's achievement reopened discussion into the mechanism by which the 1901 spark transmitter signal propagated.

"The winter of 1901 coincided with a sunspot minimum, and it was realized that this coming December 2006 should show similar conditions to those of December 1901," he said. Just how Marconi was able to receive the transatlantic

transmission has long been a topic of discussion and even controversy, especially given the frequency Marconi is likely to have used, thought to be between 800 and 900 kHz, and the time of day, afternoon in Newfoundland.

"The beacon will help understand the possibility of low sunspot number transatlantic medium wave propagation 24 hours a day, but especially 1400 through 1800 UTC," Matthew said. The 160-meter amateur band is being used, he explained, because Marconi's original frequency today is a highly populated piece of the radio spectrum.

"It was realized that a clear channel would be necessary on the nearest amateur band, and a temporary license to operate a beacon on 160 meters has now been obtained," Matthew announced. Starting on or about November 1 and continuing through next February, the GB3SSS beacon will transmit on 1960 kHz.

The 1960 kHz beacon will use a two-minute transmit sequence starting at the top of the hour. It will consist of a CW identification followed by a series of carrier bursts, each reducing in power by 6 dB. An identification in PSK31 will follow. The transmit sequence will repeat at 15-minute intervals.

On the listening end in Newfoundland will be well-known low-frequency experimenter Joe Craig, VO1NA, of the MRCN, who lives near St John's. "This is a very exciting project," Craig said. "I am

very grateful for the support from my fellow members in the club and our sister club, the Poldhu Amateur Radio Club." Craig offered his own observations on Marconi's 1901 feat in a 2001 article "Marconi's First Transatlantic Wireless Experiment," for The Canadian Amateur, the journal of Radio Amateurs of Canada (RAC) <<http://www.ucs.mun.ca/~jcraig/marconi.html>>. Also monitoring in North America will be the Antique Wireless Association's W2AN club station in upstate New York.

ARRL member and radio history buff Bart Lee, KV6LEE, proposed the 160-meter experiment to test the feasibility of Marconi's 1901 claimed achievement. "Continuing cooperation between Canadian and British Amateur Radio operators can thus play a part in verification of one of the most interesting events in the history of our technology," Lee said in his article "A Plea for Timely Experiments" on the California Historical Radio Web site <<http://www.californiahistoricalradio.com/photos53.html>>. Lee and Matthew recently visited with Craig and other MRCN members in Newfoundland.

E-mail beacon reception reports <gb3sss@yahoo.co.uk>.

ARRL PLANS FEDERAL COURT APPEAL OF CERTAIN BPL RULES

The ARRL Executive Committee is expected this weekend to ratify plans to appeal in federal court

certain aspects of the FCC's Part 15 rules governing broadband over power line (BPL) systems. Assuming the EC signs off on the strategy, the League will file a Notice of Appeal by October 22 with the US District Court of Appeals -- DC Circuit. ARRL Chief Executive Officer David Sumner, K1ZZ, said the League went forward with its appeal plans only after considering the effect on licensed spectrum users of letting the BPL rules stand.

"This decision was made after careful review of the FCC's October 2004 BPL Report and Order (R&O) and of the August 2006 Memorandum Opinion and Order (MO&O) that dealt with petitions for reconsideration," said Sumner, who addressed ARRL's concerns with the FCC's BPL rules in his "It Seems to Us . . ." editorial in October QST <<http://www.arrl.org/news/features/2006/10/01/1/>>.

Several reconsideration petitions of the initial R&O -- including one from ARRL -- called on the FCC to strengthen rules aimed at protecting licensed radio systems from BPL interference. Instead, in a new rule only revealed after the FCC made the MO&O public, the FCC limited the extent to which an unlicensed, unintentional radiator has to protect a licensed mobile station.

The new rule, §15.611(c)(1)(iii), provides that BPL operators only have to reduce emission levels below established FCC permissible limits by 20 dB below 30 MHz and

by 10 dB above 30 MHz -- even if that's not enough to resolve harmful interference complaints.

"The FCC has, in effect, tried to redefine harmful interference," Sumner said. "It can't do that. The Commission doesn't have the authority to do that, and we're going to demonstrate that to the Court of Appeals."

What the FCC has done with respect to licensed mobile services "should strike fear into the hearts of those who rely on public safety communications," Sumner said, especially since the rule requires BPL operators to do even less above 30 MHz than at HF.

The Commission also declined to adjust the 40 dB per decade "extrapolation factor" applied to measurements performed at distances from power lines other than those specified in Part 15. Sumner says this is an important technical point because the existing Part 15 rule causes test results to underestimate actual field strength. Petitions for reconsideration from the ARRL and others argued that a figure closer to 20 dB per decade was more appropriate. Sumner called the Commission's stand on the 40 dB per decade rule "clearly, demonstrably and inarguably wrong."

He said the principles that the FCC appears to be following for the first time -- if applied generally -- represent an abuse of licensees' rights. "It's unacceptable that the FCC would reduce the rights of its

licensees in favor of unlicensed, unintentional emitters," he said. "Remember that 'unintentional emission' is just another term for 'spectrum pollution.'"

Sumner made it clear that the League is not suing BPL providers for causing interference, nor suing the FCC for failing to enforce its own rules against harmful interference. "We are not satisfied with the level of attention the Commission is paying to existing cases of BPL interference, but this is not the time to pursue that in federal court," he said.

While the separate standard for what constitutes harmful interference to a mobile and the 40 dB per decade extrapolation factor issues precipitated the decision to appeal, Sumner said, the arguments the League puts forward in its court filing may touch on other matters as well.

"The court is not going to rewrite the rules," Sumner explained. "The court can make the Commission go back to the drawing board and re-decide them, however."

ARRL PRESSES FCC TO
RELEASE "OMNIBUS"
AMATEUR RADIO REPORT
AND ORDER

The ARRL has called upon FCC Chairman Kevin J. Martin and his four Commission colleagues to help end "a very frustrating and protracted delay" by releasing a Report and Order in the so-called "Omnibus" Amateur Radio

proceeding, WT Docket 04-140. The 2004 Wireless Telecommunications Bureau (WTB) proceeding, one of two still awaiting FCC release, consolidated a dozen rule making petitions addressing various Part 97 rule changes -- including ARRL's Novice refarming proposal. In its Notice of Proposed Rule Making and Order (NPRM&O), the Commission proposed to go along with the League's refarming concept and most other recommendations. ARRL President Joel Harrison, W5ZN, says the long-overdue Report and Order seems to be stalled for no reason.

"I believe it's grossly incompetent for a government agency to fail to act on something affecting the Amateur Radio Service," Harrison commented, "especially after the recognition Amateur Radio has received over the past year from members of Congress, public service agencies and even the President." The oldest of the rule making petitions dates back more than five years, while the NPRM&O came out two and one-half years ago. "There's nothing controversial in this proceeding," he said. "The FCC needs to act on this. That's the bottom line."

In an October 3 letter to the Commission <<http://www.arrl.org/announce/regulatory/wt04-140/ARRL-Ltr2FCCreWT-04-140.pdf>>, Harrison said the Amateur Radio Service asks very little of the FCC, "and our performance during recent disasters amply justifies

facilitation of these relatively minor rule changes" that will enhance Amateur Radio's ability to react in emergencies and disasters. The FCC's apparent foot-dragging "is not responsive government," he wrote.

The ARRL's Novice refarming plan would reallocate current Novice/Tech Plus subbands to expand portions of the 80, 40 and 15 meter phone bands. Harrison maintained that the League's proposal and others in the proceeding would "greatly improve the efficiency of Amateur Radio's use of the high-frequency (HF) spectrum."

The FCC further agreed with the ARRL's proposal to extend privileges in the current General CW-only HF subbands to present Novice and Tech Plus licensees (or Technicians with Element 1 credit). It also proposed to largely do away with Part 97 rules prohibiting the manufacture and marketing to Amateur Radio operators of amplifiers capable of operation on 10 and 12 meters.

An ARRL delegation that met with Martin's Chief of Staff Fred Campbell last February was told that nothing substantive was holding up the proceeding. Since that time, Harrison told the Commission, inquiries addressed to Campbell and to WTB management and staff regarding the proceeding's status have gone unanswered.

"I urge you to release the Report and Order that we understand has been drafted and ready for

Commission consideration for more than a year now," Harrison stressed in closing.

Perhaps more eagerly awaited is FCC action on the "Morse code" proceeding, WT Docket 05-235. WTB staff already has indicated that a Report and Order in the older "omnibus" proceeding will come first, however. The FCC's Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235 last July proposed to eliminate the Element 1 (5 WPM) Morse code requirement for all license classes.

A Report and Order in either Amateur Radio proceeding would formally adopt and spell out the changes and specify their effective dates.

IN BRIEF

ARRL Certification and Continuing Education course registration: Registration remains open through Sunday, October 22, for these ARRL Certification and Continuing Education (CCE) on-line courses: Amateur Radio License Course (EC-010), Amateur Radio Emergency Communications Level 1 (EC-001), Radio Frequency Interference (EC-006), Antenna Design and Construction (EC-009), Analog Electronics (EC-012) and Digital Electronics (EC-013). Classes begin Friday, November 3. These courses will also open for

registration Friday, October 20, for classes beginning Friday, December 1. To learn more, visit the CCE Course Listing page <<http://www.arrl.org/cce/courses.html>> or contact the CCE Department "<cce@arrl.org>;

Wake Island typhoon damage cancels DXpedition: The Daily DX <<http://www.dailydx.com/>> reports that because Typhoon Ioke caused moderate to severe damage to 70 percent of the buildings on Wake Island (KH9) in August, a planned DXpedition to the South Pacific atoll has been cancelled. ARRL member Tom Meier, K7ZZ, had planned to operate from Wake Island this month. "There is no potable water, sewer, or electrical distribution facilities available on the island," The Daily DX reported September 29. Ioke, a Category 5 storm with 165 MPH winds, made a direct hit on Wake Island. "The US Air Force is in the process of deciding whether to simply abandon the island or to make repairs and reopen the facility," The Daily DX reported. "Until the decision to reopen the island is made, no visitors of any kind will be permitted on the island." An unincorporated US territory, Wake Island has no indigenous population, but some 200 US military contractors were evacuated prior to the storm's arrival.

PACKET UPDATE

One of the newer digital modes we now use is PSK31. This keyboard to keyboard mode has the advantage of extremely narrow bandwidth and solid contact even with low power. Of course you can hook up an adapter, with a radio, and computer with software and work this mode. One nice unit Small Wonder Labs has is the 80 meter WARBLER kit. This kit has a radio and interface on one board you built up and put in your own case. All you add is an 80 meter antenna and computer with software and you are ready to run PSK31 on 80 meter. The standard frequency used on 80 meters is 3580.15 KHZ. The output power of the PSK transmitter is 2 watts +. The best thing is the cost of the kit it is only \$49.00. This is a cheap way to have a dedicated radio for 80 meter PSK31. For more information on the WARBLER go to the Small Wonder Labs website. It is www.smallwonderlabs.com .

James Butler, KB4LJV

AMATEUR HARDWARE UPDATE

Many times we need a way to send code and do not have a table to set our key own. We may need a cheap extra key just in case we have trouble with our primary key. Operating portable or outdoors in an emergency having a backup to send code can come in handy. There is a variety of momentary switches on the market that can used to send Morse code. The factors include size, feel, and travel of the switches when used to send code. Also the way we want to mount the switch may dictate what type of switch we use. Current carrying ability normally can be very low for the newer radios and they mostly run on 12 volts. Older rigs may use more current and higher voltage so make sure to check. Switches can be wired up to a plug and then just taped up and hand held or actually mounted on the radio panel and wired in parallel with the key input jack as a

way to key the radio. Mizuho portable HF rigs include a small momentary button on them you can use to send code. With so many types of momentary switches on the market you should be able to find one you like. The picture shows some of the large number of different styles available.



James Butler,
KB4LJV

OCTOBER

2006

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
1 Jeanette, KC4VYJ	2 Ann, WB4FAA Karen, KC4VRL	3	4	5 MARA Club Meeting 7:00 PM	6	7
8 Paul, KC4VSM	9	10 Delta Club Meeting 7:00 PM	11	12 Frank, KA4SJM	13	14
15 Donna, KE4WEU Daisy, WB4BKL	16	17 Robert, KE4HFH	18 Charlie, KE4NTM	19 Earshel, WD4KRA Melinda, KE4DXN	20	21
22 Jeff, N3TBY	23	24 Shelby Cty., ARES 6:45 PM Claude, N4ARH	25 Beverly Rauch	26	27	28 Angie Garrett Mary, KA4UGI
29	30	31 Jerry, W4TIL				

NOVEMBER

2006

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
			1	2 MARA Club Meeting 7:00 PM	3 Mitchell Moore	4
5	6	7	8 Eddie, KF4QFW	9 Roger, K4KCU	10 Russell, KI4HTD	11
12 Gwendolyn Hyatt	13	14 Delta Club Meeting 7:00 PM Stephen, KI4EBV	15 Tony, K4PWW	16	17	18
19	20	21 James, KG4YKZ	22 Jacob, KD5NUH	23 Stan, AC4CQ Chuck, W4VAC Bruce, KG4FUI	24 Lee, WC4W	25
26	27	28 Shelby Cty., ARES 6:45 PM	29	30 Kenneth, N4WAH Jim, NI4C Lauren, KF4LZM		



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

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

10-10 Day Sprint -- Phone/CW/Digital, 0001Z-2359Z, Oct 10. One QSO per station, regardless of mode. Logs due Oct 25 (see Aug *QST*, p 88 or www.ten-ten.org).

ARRL International EME Contest -- 0000Z Oct 14-2400Z Oct 15, 50-1296

MHz (see Aug *QST*, p 95).

Pennsylvania QSO Party -- CW, Phone, PSK31, RTTY. Sponsored by the Nittany ARC from 1600 Z Oct 14-0500Z Oct 15 and 1300Z-2200Z Oct 15. Frequencies (MHz): CW -- 1.810 and 40 kHz above band edge; Phone -- 1.850, 3.980, 7.280, 14.280, 21.380, 28.480; mobiles -- 5 kHz below the listed frequencies; PSK31 -- 28.120, 24.920, 21.070, 14.070, 7.080, 3.580. For more information: www.nittany-arc.net/paqso.html.

North American RTTY Sprint -- sponsored by the *NCJ, National Contest Journal*, 0000Z-0400 Z Oct 15. Frequencies 80-20 meters. North American stations

work everyone; others work NA stations only. For more information: www.ncjweb.com.

YLRL Anniversary Party -- SSB, 1400Z Oct 10-0200Z Oct 12 (see Oct 3-8)

EU Autumn Sprint -- CW, 1500Z-1859Z Oct 14 (see Oct 3-8)

Oceania DX Contest -- CW, 0800Z Oct 14-0800Z Oct 15 (see Oct 3-8)

FISTS Fall Sprint -- CW, sponsored by FISTS CW Club from 1700Z-2100Z Oct 14. Frequencies: 80-10 meters. Categories: SOAB (QRP and QRO), Club. For more information: www.fists.org.

Asia-Pacific Sprint -- CW, sponsored by the Asia-Pacific Sprint Contest Committee, 0000Z-0200Z Oct 15. Frequencies (MHz): 14.030-14.050 and 21.030-21.050. For more information and AP country list: <http://jsfc.org/apsprint>.

RSGB 21/28 MHz Contest -- CW, 0700Z-1900Z Oct 16 (see Sep 30-Oct 1).

Bill Windle QSO Party -- CW, sponsored by First Class Operator's Club (FOC), from 0000Z-2359Z Oct 14. Frequencies: 160-10 meters, 6 and 2 meters. For more information: www.firstclasscw.org.uk.

On The Air Week -- sponsored by HFLINK from 0001Z Oct 13-2359Z Oct 23. Exchange: ALE link first, then send any message by voice or texting (ALE linking automatically provides sig reports). For more information and ALE software: <http://hflink.com>.

Illinois QSO Party -- CW/Phone, sponsored by the Western Illinois ARC. 1700Z Oct 22-0100Z Oct 23. Frequencies (MHz): 160-2 meters, CW -- 50 kHz above band edge, Phone -- 3.890, 7.290, 14.290, 21.390, 28.390. For more information: www.w9awe.org/ILQP2006.html.

USI W/VE Islands QSO Party -- CW/Digital/SSB, sponsored by the US Islands Awards Program from 1600Z Oct 21-2359Z Oct 22. Frequencies: 160-6 meters.

**The
W4BS
Elmer
Shack**

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

Codes:

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

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

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

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

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

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

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

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

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

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

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



For more information: http://members.cox.net/usi1/contest_rules.html.

QRP ARCI Fall QSO Party -- CW, sponsored by QRP ARC International, 1200Z Oct 21-2400Z Oct 22, operate 24 hrs max. Frequencies (MHz): 1.810, 3.560, 3.710, 7.040, 14.060, 21.060, 28.060. For more information: www.qrparci.org.

Worked All Germany -- CW/SSB, sponsored by The Deutscher Amateur Radio Club, 1500Z Oct 21-1459Z Oct 22. Frequencies: 80-10 meters, work German stations only. For more information: www.darc.de/referate/dx/fedcg.htm

JARTS WW RTTY Contest -- sponsored by the Japanese Amateur Radio Teleprinter Society, 0000Z Oct 21-2400Z Oct 22. Frequencies: 80-10 meters. For more information: www.edsoft.com/JARTS.

Delaware Valley VHF FM Simplex Contest -- sponsored by the Holmesburg Amateur Radio Club of Philadelphia from 10 AM-2 PM local Oct 21. Frequencies (MHz): 144, 220, 440 simplex frequencies (do not use national calling frequencies). For more information: <http://harcnet.org>.

CQ World Wide DX Contest -- SSB, sponsored by *CQ Magazine*, 0000Z Oct 28-2400Z Oct 29 (CW is 0000Z Nov 25-2400Z Nov 26). Frequencies: 160-10 meters. For more information: www.cqww.com.

10-10 International CW/Digital Contest -- 0001Z Oct 28-2359 Z Oct 29. Logs due Nov 13. (See Aug *QST*, p 88 or www.ten-ten.org.)

ARRL November Sweepstakes -- CW, from 2100Z Nov 4-0300Z Nov 6. (Phone from 2100Z Nov 18 to 0300Z Nov 20; see Oct *QST*, p 103, or www.arrl.org/contests.)

North American Collegiate ARC Championship -- CW (Phone, Nov 18-20). This is a competition based on Sweepstakes results between club stations

at institutions of higher education beyond the high school level. Clubs enter Sweepstakes in any of the valid entry categories. Separate champions will be determined for CW, Phone and combined scores. For more information: www.collegiatechampionship.org.

Kentucky QSO Party -- CW/Phone, sponsored by the Western KY DX Association from 1400Z Nov 11-0600Z Nov 12. Frequencies (MHz): CW -- 1.815 and 60 kHz above band edge; SSB -- 1.840, 3.985, 7.285, 14.285, 21.385, 28.585. For more information: k4txj@arrl.net.

High Speed Club CW Contest -- sponsored by the Radio Telegraphy High Speed Club (HSC) from 0900Z -1100Z and 1500Z-1700Z Nov 5. Frequencies: 80-10 meters, 10-30 kHz above band edge. For more information: www.dl3bzz.de.

IPA Contest -- Phone/CW, sponsored by The International Police Association Radio Club. CW from 0600Z-1000Z and 1400Z-1800Z Nov 4, Phone from 0600Z-1000Z and 1400Z-1800Z Nov 5. Frequencies: 80-10 meters with 15 minute band change rule. For more information: www.ipa-rc.de.

Ukrainian DX Contest -- CW/SSB/RTTY, sponsored by the Ukrainian Amateur Radio League and the Ukrainian Contest Club from 1200Z Nov 4-1200Z Nov 5. Frequencies: 160-10 meters, with 10 minute band change rule. For more information: www.ucc.zp.ua.

DARC 10 Meter Digital "Corona" -- RTTY/AMTOR/PACTOR/PSK31/Clover, sponsored by Deutscher Amateur Radio Club from 1100Z-1700Z Nov 5. Frequencies (MHz): 28.050-28.150, work stations once per mode. For more information: www.darc.de/referate/dx/cqdlcont/fgdcc.htm

Radio Club of America QSO Party -- SSB/AM, from 1700Z Nov 4-0500Z Nov 5. See Web site for frequency schedule. Exchange: RST, QTH, name, equipment used. RCA members sign their calls/RCA.

For more information: www.radioclubofamerica.org or rlraide@adelphia.net

ARRL EME Contest -- from 0000Z Nov 11-2400Z Nov 12. Frequencies: 50-1296 MHz (see Aug *QST*, p 95, or www.arrl.org/contests).

Japan International DX Contest -- Phone, from 0700Z Nov 11-1300Z Nov 12 (see Apr *QST*, p 100, or [jidx.org/jidxrule-e.html](http://www.jidx.org/jidxrule-e.html)).

Worked All Europe DX Contest (WAEDC) -- RTTY, from 0000Z Nov 11-2359Z Nov 12. Same rules as WAEDC Phone and CW, except everyone works everyone. QTC can only be exchanged between continents (see Aug *QST*, p 88, or www.waedc.de).

OK/OM DX Contest -- CW, sponsored by the Czech Radio Club (CRC) from 1200Z Nov 11-1200Z Nov 12. Frequencies: 160-10 meters. For more information: okomdx.radioamater.cz.

CQ WE (Western Electric) -- CW/Phone/ Digital, from 1900Z Nov 11-0500Z Nov 13. Frequencies: 160 meters-70 centimeters (no repeater contacts). Contact as many hams as possible who currently work for, did work for, or are retired from any part of the pre-divestiture "Bell System" or any company created from it. For more information: cqwe.cboh.org.

ARRL November Sweepstakes -- Phone (see Nov 4-5).

North American Collegiate ARC Championship -- Phone (see Nov 4-5).

LZ DX Contest -- CW/SSB, sponsored by the Bulgarian Federation of Radio Amateurs from 1200Z Nov 18-1200Z Nov 19. Frequencies: 80-10 meters with 10-minute mode change rule. For more information: www.qsl.net/lz1fw/contest.

RSGB 1.8MHz Contest -- CW, from 2100 Nov 18-0100Z Nov 19 (see Feb *QST*, p 99). For more information: www.

rsgbhfcc.org.

CQ WW DX Contest -- CW, from 0000Z Nov 25-2400Z Nov 26 (see Oct *QST*, p 102 or cqww.com).

SPECIAL EVENTS

Oct 7-Oct 8 and October 14-Oct 15, 0700Z-2000Z, Bedford, PA. Bedford County Amateur Radio Society, K3NQT. Bedford County Fall Foliage Festival. 14.230 21.330 7.230. Certificate. Paul Fischer, 185 Main St, Alum Bank, PA 15522.

Oct 7-Oct 15, 0001Z-2400Z, Milford, CT. Lake Effect Amateur Radio Club, W1M. National Wildlife Refuge Week. 21.310 14.265 7.240 7.055. QSL. Kevin Gunther, 2 Milford Point Rd, Milford, CT 06460.

Oct 13-Oct 15, 1700Z-1700Z, Wichita Mountains National Wildlife Refuge, OK. W5-National Wildlife Refuge Amateur Radio Club, W5NWR/WM. 2006 National Wildlife Refuge Week. 21.310 14.265 7.240 3.880 RTTY and CW. QSL. Mike Thomas, NA5U, 5717 Puerto Valarta Dr, N Richland Hills, TX 76180. www.pilgrimriver.com/nwr2006.

Oct 13-Oct 15, 2000Z-2200Z, Reelfoot Lake/Union City, TN. Dyersburg/Dyer County Amateur Radio Club, W4R. National Wildlife Refuge Awareness Week. 14.250 7.230 3.855 50.130. Certificate. Howard L. Runions, 1355 Tatumville Rd, Newbern, TN 38059. www.pilgrimriver.com/nwr2006.

Oct 14, 1300Z-2100Z, Milford, MI. Clinton Valley Scout Radio Club, WB8BSA. Boy Scout Fall Hike -O-Ree. 14.290 14.065 7.270 7.030. QSL. Frank Maynard, NF8M, 44683 Mansfield Dr, Novi, MI 48375.

Oct 14, 1330Z-2000Z, Yorktown, VA. Williamsburg Area Amateur Radio Club, K4RC. Promoting Yorktown Battlefield and Historical Triangle. 21.350 18.150 14.250 7.261. QSL. Russell Chandler, KU4FP, 132 Druid Dr, Williamsburg,

VA 23185. www.qsl.net/waarc.

Oct 14, 1600Z-2400Z, Marble Falls, TX. Williamson County Amateur Radio Club, N5W. Celebrating National Wildlife Refuge Week October 8-14, 2006. 14.260. QSL. Cecil Turquette, 12601 Oro Valley Cove, Austin, TX 78729. www.wcarc.com.

Oct 14, 1700Z-2359Z, Los Gatos, CA. Loma Prieta Amateur Radio Club, N2RDT. 17th anniversary of October 17, 1989, Loma Prieta Earthquake. 147.540 52.000 14.250 7.250. Certificate. David Katinsky, 25570 Radonich Rd, Los Gatos, CA 95033. n2rdt@arrrl.net.

Oct 14-Oct 15, 1300Z-1900Z, Zanesville, OH. Zanesville Amateur Radio Club, W8ZZV. Only Y Bridge in North America. 14.260 7.240. QSL. George Alfman, 1975 N Moose Eye Rd, Norwich, OH 43767. <http://zarc.eqth.org>.

Oct 14-Oct 15, 1700Z-2000Z, Seney, MI. Lake Effect Amateur Radio Club, K8W. National Wildlife Refuge Week, 103 years of conservation. 14.240 7.240 14.070 Novice CW. QSL. John Forslin, KC8ULE, 8 Southfork St, Marquette, MI 49855. www.pilgrimriver.com/nwr2006.

Oct 15, 1500Z-2300Z, La Crosse, WI. Mississippi Valley Amateur Radio Association, W9L. Sesquicentennial, Historic Downtown Days, Mississippi Queen Docking. 28.450 14.280 7.280. Certificate. Terry Miller, KB9YXV, 1926 Loomis St, La Crosse, WI 54603-2061. www.mvara.net.

Oct 16-Oct 21, 0100Z-1800Z, Hazelcrest, IL. Tri-Town Radio Amateur Radio Club, W9H. 75th anniversary of our club. 146.490 28.490 14.249 7.249. QSL. Tricia Jaggard, 17609 Golfview, Homewood, IL 60430. www.w9vt.org.

Oct 16-Oct 22, 1800Z-0100Z, Tacoma, WA. Radio Club of Tacoma, W7DK. 90th anniversary of Radio Club of Tacoma. 21.360 18.160 7.139 3.539. Certificate. W7DK/90 Event QSL Team, Radio Club

of Tacoma, PO Box 11188, Tacoma, WA 98411. <http://w7dk.org>.

Oct 16-Oct 31, 0000Z-0000Z, Kittanning, PA. North American QRP CW Club, N3A. Second anniversary of the North American QRP CW Club. 50.090 (if open) 21.060 18.080 14.060 10.108 7.040 3.560. Certificate. Tom Mitchell, KB3LFC, RD 6 Box 122A, Kittanning, PA 16201. www.arm-tek.net/~yoell/.

Oct 20-Oct 22, 1400Z-2300Z, Dekalb, IL. Kishwaukee Amateur Radio Club, W9D. Dekalb Sesquicentennial Parade and Northern Illinois University's 100th Homecoming. 14.268 14.042 7.268 7.042. Certificate. Bob Yurs, W9ICU, 1107 Commercial St, Sycamore, IL 60178. www.kish-club.org.

Oct 21, 1330Z-1730Z, Randleman, NC. Tri-County Amateur Radio Club, NC4AR. 18th Annual NASCAR Days Festival. 14.265 7.265. Certificate. NC4AR, PO Box 747, Trinity, NC 27370. www.qsl.net/nc4ar.

Oct 21, 1400Z-2100Z, Roanoke, VA. Roanoke Valley Amateur Radio Club, W4CA. O. Winston Link Museum. 14.260 7.250. QSL. W4CA, 1670 Cattawba Rd, Troutville, VA 24175. www.cupnet.com/rvarc/.

Oct 21, 1400Z-2300Z, Big Lick, NC. Stanly County Amateur Radio Club, K4OGB. Big Lick Antique Festival and 50th anniversary of K4OGB. 28.750 21.400 14.285. Certificate. K4OGB QSL/CERT, PO Box 361, Richfield, NC 28137-0361. www.k4ogb.org.

Oct 21, 1600Z-2300Z, Woodland, CA. Yolo District Boy Scouts, W6Y. Yolo Scout JOTA station at the Woodland Scout Cabin. 14.290 14.065 7.270 7.030. QSL. Bill Ragsdale, K6INB, PO Box 1500, Woodland, CA 95776. <http://YoloBSA.editme.com/JOTA>.

Oct 21-Oct 23, 1700Z-0500Z, Kingsland, GA. Camden County Amateur Radio Society, K4B. Local Boy and Girl Scouts JOTA. 28.450 18.110 14.240

7.240. QSL. Timothy Boyd, 229 Mallard Pt, Woodbine, GA 31569. www.ccars.org.

Oct 22-Oct 23, 1700Z-0100Z, Kankakee, IL. Cincinnati Buckeye Netters, N9Q. Operating during Illinois QSO Party. 21.040 14.040 7.040 3.540. QSL. Hank Greeb, N8XX, 5727 11 Mile Rd NE, Rockford, MI 49341. www.w9awe.org/ILQP2006.html.

Oct 25-Oct 29, 0000Z-2400Z, Portsmouth, VA. USCG Auxiliary/ISAR Special Event, N4I. International Search and Rescue Competition. 28.450 21.290 14.250 7.210. Certificate. Richard Cook, AB4U, 14288 Riverside Dr, Ashland, VA 23005. www.internationalsar.com.

Oct 26-Oct 30, 1400Z-2300Z, Sycamore, IL. Kishwaukee Amateur Radio Club, W9P. Sycamore Pumpkin Festival. 14.268 14.042 7.268 7.042. Certificate. Bob Yurs, W9ICU, 1107 Commercial St, Sycamore, IL 60178. www.kish-club.org.

Oct 27-Oct 29, 1600Z-0200Z, Point Pleasant, WV. Main Street Baptist Church, K8J. Centennial Celebration, 1906-2006. 14.240 14.050 7.240 7.050. Certificate or QSL. G.E. Hodges, Rt 1 Box 646A, Point Pleasant, WV 25550. <http://webpages.charter.net/ab8s/K8J%20main%20street%20page.mht>.

Oct 28, 1300Z-2100Z, Ann Arbor, MI. US Coast Guard Auxiliary, N8A. 67th anniversary of the US Coast Guard Auxiliary. 28.355 21.380 14.290 7.265. QSL. Tony Morris, WA8TM, 827 Asa Gray Dr #459, Ann Arbor, MI 48105-3522. www.cgaux.org.

Oct 28, 1300Z-2100Z, McKeesport, PA. US Coast Guard Auxiliary Division 9, KD3HQ. 67th anniversary of USCG Auxiliary. 14.250. QSL. Walter R. Gretz, 253 Henry St, Whitaker, PA 15120.

Oct 28, 1300Z-2300Z, Huntington, WV. US Coast Guard Auxiliary Division 2 8ER, K8E. Commemorating 67th anniversary of US Coast Guard Auxiliary. 28.350 21.340 14.280 7.282. QSL. Matthew Morris, PO Box 134, Cheshire, OH 45620.

Oct 28, 1400Z-2100Z, Carthage, TX. Panola County Amateur Radio Club, WA5PC. Special Event from the grave site of country/western music star Gentaleman Jim Reeves. General phone bands. Certificate. Panola County Amateur Radio Club, 380 CR 1241, Gary, TX 75643. www.wa5pc.org. *Weather permitting.*

Oct 28, 1300Z-2300Z, Jacksonville, FL. US Coast Guard Auxiliary, W4W. 67th anniversary of the US Coast Guard Auxiliary. 28.490 21.410 14.255 7.290. QSL. Joe Mac Ivor, 12632 Blue Eagle Way, Jacksonville, FL 32225.

Oct 28, 1300Z-2300Z, St. Marks, FL. US Coast Guard Auxiliary District Eight Flotilla 1-2, N4A. Coast Guard Auxiliary Special Event Radio Day. 28.400 21.400 14.247 7.267. QSL. Tom Ziko, 7849 Briarcreek Rd W, Tallahassee, FL 32312.

Oct 28, 1300Z-2300Z, Philadelphia, PA. United States Coast Guard Auxiliary District 5-NR, K3G. Commemorating USCG Auxiliary 67th anniversary. 50.130 21.330 14.270 7.270. QSL. Joe Rzucidlo, 1013 Anderson St, Trainer, PA 19061.

Oct 28, 1400Z-2100Z, Flowery Branch, GA. United States Coast Guard Auxiliary, W4A. Anniversary of US & Canadian Coast Guard Auxiliary. 21.360 14.278 7.278. QSL. Al Miles, 3325 Rangers Gate Dr, Marietta, GA 30062.

Oct 28, 1400Z-2200Z, Paris Landing, TN. US Coast Guard Auxiliary Division 8-8E-10, W4A. US Coast Guard Auxiliary 67th anniversary.

28.335 21.370 14.285 7.242. QSL. Kenny Johns, AB4EG, 52 Buttonwood Dr, Jackson, TN 38305. <http://a0820810.uscgaux.info>.

Oct 28, 1400Z-2200Z, Quad Cities, AL. US Coast Guard Auxiliary Division 24 8ER, W4F. Commemorating US Coast Guard Auxiliary 67th anniversary. 28.350 21.350 14.260 7.260. QSL. Roy Nagle, W4AQQ, 465 McClung St, Phil Campbell, AL 35581. <http://a0530407.uscgaux.info/SED2006.html>.

Oct 28, 1500Z-2000Z, Port Huron, MI. United States Coast Guard Auxiliary 091-14-03, W8A. Celebrating USCG Auxiliary 67th anniversary & ISAR Special Event. 28.320 21.310 14.260 7.260. QSL. Rodger Catt, 1840 Kern St, Port Huron, MI 48060.

Oct 28, 1300Z-2300Z, St Marks, FL. US Coast Guard Auxiliary District Eight Flotilla 1-2, N4A. Coast Guard Auxiliary Special Event Radio Day. 28.400 21.400 14.247 7.267. QSL. Tom Ziko, 7849 Briarcreek Rd W, Tallahassee, FL 32312.

Oct 28-Nov 2, 1400Z-2200Z, Wheatland, MO. USCG Auxiliary Flotilla 0504, N0N. 67th anniversary of the USCG Auxiliary. 14.280 7.280 3.963. Certificate. Richard E. Hunt, KC0FDF, PO Box 96, Wheatland, MO 65779.

Oct 31-Nov 1, 0600Z-0600Z, Frankenstein, MO. Warrensburg Amateur Radio Club, WØO. Frankenstein FunXpedition 2006. 28.370 21.378 14.265 3.945. QSL. Dennis Gedeon, KBØNHW, 1811 Hillside Ct, Oak Grove, MO 64075. www.waarci.org.

Oct 31-Nov 1, 1800Z-1400Z, Frankenstein, MO. Mid-MO Amateur Radio Club, WØO. Frankenstein FunXpedition 2006. 21.040 14.040 10.113 7.040 3.540. QSL (100% direct). Tom Hammond, NØSS, 5417 Scruggs Station Rd, Lohman, MO

65053. www.mmccs.com/mmarc.

Nov 2-Nov 6, 1700Z-1700Z, Whitefish Point, MI. Stu Rockafellow Amateur Radio Society, K8F and N8F. Remembering the *Edmund Fitzgerald*. 21.360 14.260 7.260 3.860. Certificate. Richard Barker, 264 N East St, Brighton, MI 48116. www.qsl.net/w8njh.

Nov 3-Nov 5, 1430Z-2000Z, Split Rock, MN. Stillwater Amateur Radio Association, WØJH. Anniversary of the sinking of the *Edmund Fitzgerald*, from Split Rock Lighthouse (ARLHS USA 783). 21.360 14.260 7.260 3.860. Certificate. Shel Mann, NØDRX, 1618 W Pine St, Stillwater, MN 55082. www.radioham.org.

Nov 3-Nov 12, Knokke-Heist, Belgium. UBA Section ONZ, ON25CLM. Canadian Liberation March/Canadian Week. SSB and CW 80 40 20 17 15 10 2 m bands. OO4CLM Special Event, Postbox 1006, B-8300 Knokke-Heist, Belgium. www.on4clm.be.

Nov 4-Nov 5, 1500Z-2000Z, Melbourne, FL. Titusville Amateur Radio Club, W4V. Operation StandUp, helping returning veterans of all conflicts. 28.333 21.350 14.250 7.250. Certificate. W4V, c/o Robert Osband, N4SCY, PO Box 6841, Titusville, FL 32782. operationstandup.org/w4v.

Nov 4-Nov 5, 1600Z-0300Z, Detroit, MI. Livonia Amateur Radio Club, W8F. Dossin Museum, commemorating the loss of the *Edmund Fitzgerald*. 21.372 14.272 7.272 145.72. Certificate. Livonia Amateur Radio Club/Special Event, PO Box 51532, Livonia, MI 48151-5532. www.larc.mi.org/.

Nov 5, 1400Z-2100Z, Rocky Point, NY. Radio Central Amateur Radio Club, W2RC. Radio Central 85th anniversary of the first transatlantic wireless transmission from RCA's

Radio Central transmitter site. 14.270 14.050 7.270 7.050. Certificate. Radio Central ARC, PO Box 396, Centereach, NY 11720. www.rcarc.org.

Nov 9-Nov 12, 1600Z-2000Z, Arlington Heights, IL. Armored Force Amateur Radio Net, KA9NLX. Veteran's Day SE honoring all veterans. 14.325 7.283 7.035 3.985. Certificate. John Paskevicz, 1423 North Ridge Ave, Arlington Heights, IL 60004. *AFAR members will operate from different parts of the country on all amateur HF frequencies and 2 meters.*

November 10-13, 1300-2100Z, Hampton, VA. US Army Amateur Radio Society, W4V. Veterans' Day observance from Fort Monroe, VA. 14.248 7.248 SSB. Certificate and special QSL card. US Army Amateur Radio Society, 244 Beauregard Heights, Hampton, VA 23669. www.usaars.com

Nov 11, 1200Z-2400Z, Nutley, NJ. Robert D. Grant United Labor Amateur Radio Association, N2UL. CQ Veterans Day, Labor remembers our heroes. 28.420 14.260. Certificate. RDGULARA, c/o WA2VJA, 112 Prospect St, Nutley, NJ 07110-0716. rdgulara.org.

Nov 11, 1300Z-1900Z, Brownsville, TX. Charro Amateur Radio Club, W5CRC. Return of the Snow Bird to South Texas. 28.335 21.335 14.335. QSL. Bob Austin, K5VC, 107 W Park Dr, Brownsville, TX 78520. www.qsl.net/w5crc.

Nov 11, 1430Z-2039Z, Grand Rapids, MI. Michigan Amateur Radio Alliance, W8USA. Veteran's Day. 14.250 7.250 14.070 7.040. QSL. W8USA, PO Box 670, Comstock Park, MI 49321. www.w8usa.org.

Nov 11, 1500Z-2230Z, Baton Rouge, LA. Baton Rouge Amateur Radio Club, W5KID. Veteran's Day.

CW 28.060 21.060 14.060 10.106 7.040 SSB 14.250 to 24.320. QSL. W5KID, c/o USS *Kidd* Museum, 305 South River Rd, Baton Rouge, LA 70802. www.lsu.edu/brarc/USS_Kidd.htm.

Nov 11, 1500Z-2200Z, Waterloo, IA. Five Sullivan Brothers Amateur Radio Club, WØFSB. Veterans' Day and the 64th Anniversary of the loss of the Five Sullivans. 50.140 21.240 14.240 7.240. Certificate and QSL. Five Sullivan Brothers Amateur Radio Club, 4015 Independence Ave, Waterloo, IA 50703.

Nov 17-Nov 19, 1400Z-2200Z, Calhoun, GA. Cherokee Capital Amateur Radio Society, K4C. Celebrating the 10th anniversary as a club. 14.270 7.270 14.060 7.040. Certificate. Felton Floyd, 1054 Mountain Loop Rd NW, Sugar Valley, GA 30746. www.qsl.net/k4woc.

Nov 18, 1400Z-2000Z, Guthrie, OK. Edmond Amateur Radio Society, K5EOK. Oklahoma Statehood Day from original State Capitol Building. 21.340 14.240 7.240 3.840. Certificate. EARS, PO Box 48, Edmond, OK 73083. www.k5eok.org.

Nov 18, 1400Z-2359Z, Smithsburg, MD. Cheese Hollow ARS, W3HAM. 10th anniversary of W3HAM as a club call. 14.270 7.230 7.061 3.920. Certificate. CHARS, 22613 Stevenson Rd, Smithsburg, MD 21783. www.w3cwc.org.

Nov 24, 1400Z-2000Z, Provincetown, MA. Steamship Portland Amateur Radio Association, W1P. 108th anniversary of sinking of SS Portland off Cape Cod. 144.565 18.130 14.260 7.260. QSL. Henry Brown, K1WCC, 19 Sao Paulo Dr, E Falmouth, MA 02536.

TENNESSEE NETS

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

LOCAL HAMFESTS OF INTEREST

Ozarks Regional Hamfest

Southwest Missouri Amateur Radio Club
Remington's Entertainment Complex
1655 West Republic Road
Springfield, MO
Oct 13-14, 2006

15th Halloween Hamfest

St. Louis ARC
Kirkwood Community Center
111 South Geyer Road
Saint Louis, MO
Oct 28, 2006

**Delta Amateur Radio Club
September 2006 Treasurers Report**

Balance 09/05/2006	\$7,113.66
<u>Expense</u>	
U of M	\$22.94
Home Depot	\$268.14
Home Depot	\$29.12
U of M	<u>\$ 22.94</u>
Total Expense	\$343.94
<u>Income</u>	
Membership Dues	\$60.00
September Program (antenna receipts)	<u>\$50.00</u>
Total Income	\$110.00
Balance 10/03/2006	\$6,880.52

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

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2006 Board of Directors

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-

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