

DELTA AMATEUR RADIO CLUB

SPARKS

P.O. Box 750482 * Memphis, Tennessee 38175-0482 * Volume 18 * June 2012



**Welcome to the
Delta Amateur Radio Club!**

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

W4BS

REPEATER SYSTEM

146.820^{-107.2} 147.360^{-107.2}
224.420 443.200

NEXT CLUB MEETING

DATE: June 12, 2012 (2nd Tuesday of each month)
PLACE: Ellendale Church Of Christ, 7365 Highway 70
Memphis, TN (1 ½ miles north of Hwy. 64 – Stage Road)

TIME: 7:00 PM

PROGRAM: “2012 Field Day” and “Equipment Sale”
Presented By: David Campbell KD4NOQ

VE TESTING: Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 PM and testing begins promptly at 6:00 PM. Please remember to bring two (2) 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 PM. This is to allow our volunteer VE team to finish in time to attend the club meeting. For more VE testing information, please contact:

Bill Stevens, WC9S, VEC
Phone: 901-603-3448
Email: wc9s@att.net

PRESIDENT'S CORNER

By: Rosalinda Melena AK4SB

Happy June to all. I don't know about you but I love the summertime; boating, brats and burgers. But June also brings hurricane season and hot weather.

As you work or play in the heat, remember these summertime tips;

- Drink more fluids (nonalcoholic), regardless of your activity level. Don't wait until you're thirsty to drink. *Warning: If your doctor generally limits the amount of fluid you drink or has you on water pills, ask him how much you should drink while the weather is hot.*
- Don't drink liquids that contain alcohol or large amounts of sugar - these actually cause you to lose more body fluid. Also, avoid very cold drinks, because they can cause stomach cramps.
- Wear lightweight, light-colored, loose-fitting clothing.
- NEVER leave anyone (pets included) in a closed, parked vehicle.
- Although any one at any time can suffer from heat-related illness, some people are at greater risk than others. Check regularly on:
 - Infants and young children
 - People aged 65 or older
 - People who have a mental illness
 - Those who are physically ill, especially with heart disease or high blood pressure

If you must be out in the heat:

- Limit your outdoor activity to morning and evening hours.
- Try to rest often in shady areas.
- Protect yourself from the sun by wearing a wide-brimmed hat (also keeps you cooler) and sunglasses and by putting on sunscreen of SPF 15 or higher (the most effective products say "broad spectrum" or "UVA/UVB protection" on their labels).

Below you'll find a few NOAA facts about the heat.

So stay cool and be safe! 73.

Rosalinda Melena / WN2V

2011-2012 DARC President

Heat: A Major Killer

Heat is the number one weather-related killer in the United States, resulting in hundreds of fatalities each year. In fact, on average, excessive heat claims more lives each year than floods, lightning, tornadoes and hurricanes combined. In the disastrous heat wave of 1980, more than 1,250 people died. In the heat wave of 1995 more than 700 deaths in the Chicago area were attributed to heat. In August 2003, a record heat wave in Europe claimed an estimated 50,000 lives.

North American summers are hot; most summers see heat waves in one or more parts of the United States. East of the Rockies, they tend to combine both high temperature and high humidity; although some of the worst heat waves have been catastrophically dry.

The Hazards of Excessive Heat

When the body heats too quickly to cool itself safely, or when you lose too much fluid or salt through dehydration or sweating, your body temperature rises and heat-related illness may develop. Heat disorders share one common feature: the individual has been in the heat too long or exercised too much for his or her age and physical condition.

Studies indicate that, other things being equal, the severity of heat disorders tends to increase with age. Conditions that cause heat cramps in a 17-year-old may result in heat exhaustion in someone 40 years old, and in heat stroke in a person over 60. Sunburn, with its ultraviolet radiation burns, can significantly retard the skin's ability to shed excess heat. Acclimatization has to do with adjusting sweat-salt concentrations, among other things. The idea is to lose enough water to regulate body temperature, with the least possible chemical disturbance--salt depletion.

Understanding NOAA's Extreme Heat Watch, Warning, and Advisories

Excessive Heat Outlooks: are issued when the potential exists for an excessive heat event in the next 3-7 days. An Outlook provides information to those who need considerable lead time to prepare for the event, such as public utility staff, emergency managers and public health officials.

Excessive Heat Watches: are issued when conditions are favorable for an excessive heat event in the next 24 to 72 hours. A Watch is used when the risk of a heat wave has increased but its occurrence and timing is still uncertain. A Watch provides enough lead time so that those who need to prepare can do so, such as cities officials who have excessive heat event mitigation plans.

Excessive Heat Warning/Advisories are issued when an excessive heat event is expected in the next 36 hours. These products are issued when an excessive heat event is occurring, is imminent, or has a very high probability of occurring. The warning is used for conditions posing a threat to life or property. An advisory is for less serious conditions that cause significant discomfort or inconvenience and, if caution is not taken, could lead to a threat to life and/or property.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of May 1, 2012	\$6,987.22
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Expenses

Computer Auto. Tech.	CAT-250 Controller	\$328.00
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Total Expense	\$328.00
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SubTotal	\$6,659.22
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Income

Membership Dues	Year 2012	\$170.00
Huntsville Bus Ticket	PreSale	\$240.00
Donated Gear	Item Sold	\$250.00

Total Income	\$660.00
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Ending Balance	as of May 31, 2012	\$7,319.22
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Submitted by Rick Tillman WA4NVM

BOARD MEETING MINUTES

May 1, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

Present at meeting: Ken Laseter, Rick Tillman, David Gilbert, Richard Martin, Bill Stevens, David Campbell, Tom Raggett, Joe Lowenthal

1. VP Richard Martin called meeting to order.
2. There was discussion about the purchase of a controller for the 220 repeater and a tone board for the 147.36 repeater. After discussion, Ken Laseter made a motion, Joe Lowenthal second, giving Bill Stevens the authority to purchase the said hardware. The motion will be made at the general meeting for club approval.
3. This month's program will be presented by David Campbell. It will be an overview of APRS, showing all phases of APRS.
4. The Board approved the Treasurer report for presentation to the general meeting.
5. Joe Lowenthal will present the Huntsville bus trip to the general meeting. Prices are as follows, registration by June 25th, \$60, by Aug 7, \$65.

6. Field Day---A group researched the site at the Police and Fire Training Facility and determined that it was a good site. MARA will have their Field Day at Tony Brignone's clubhouse. There were questions about joining MARA but there was no resolution. MARA would meet on Thursday, May 3rd to discuss. No final decision or recommendation was reached.
7. Meeting Adjourned, Tom Raggett made motion, David Gilbert seconded.

GENERAL CLUB MEETING MINUTES

May 8, 2012 - Presented by: Tom Raggett KJ4LMH

1. Rosalinda Melena called meeting to order and called for the monthly introduction of everyone present.
2. The minutes from the previous meeting were approved after discussion as to where Field Day would be held. The minutes were amended to say that the DARC Field Day was not to be held at the Police and Fire Training Center. It was recommended that DARC join MARA for Field Day either at WKNO or Tony Brignone's clubhouse. Bill Covington made motion to accept changes, Harry LaVoice seconded.
3. Ham Hilliard then made the motion to accept the minutes as amended, John Gallarno seconded. General vote was to accept minutes.
4. Treasury Report—Motion was made by Ham Hilliard to accept report, Roger Schlichter seconded.
5. Testing May 8—Testing produced 1 new Tech.
6. Training—Training class testing on May 7 produced 3 technicians and 5 general. New class is scheduled for July 2nd. Ham Hilliard is teaching a technician class starting the week of May 14.
7. Estate Sale—Items from the estate of Greg Butler will be for sale at next meeting. Some items will generate revenue for the club and some for the estate of Greg Butler.
8. The meeting was asked to accept the recommendation of the Board to allow Bill Stevens to purchase repeater hardware while at the Dayton Hamfest. The request was amended to include a limit of \$500 on the purchase. Dean Eicher made motion to accept and Ham Hilliard seconded.
9. Memphis in May Triathlon—Ned Savage asked for volunteers for the Memphis in May Triathlon.
10. Huntsville Hamfest August 18—Joe Lowenthal presented the trip to Huntsville prices. The prices are \$60 until after Field Day, \$65 until August 7, \$70 after Aug 7. The bus will leave Saturday morning from Ellendale Church and stop at Germantown Baptist Church. The bus will return the same day.
11. Program—David Campbell gave program on APRS.
12. Meeting adjourned.

AMATEUR PACKET UPDATE

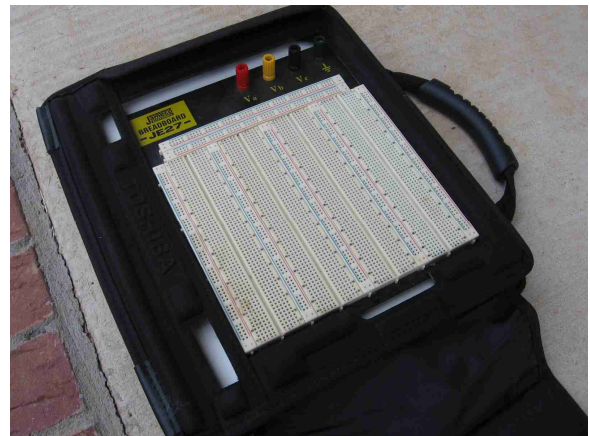
By: James Butler - KB4LJV

Many times we need to hear weak signals. When conditions and antennas can not do the job we turn to preamplifiers. These circuits take the weakest signals from the antenna and amplify them so the radio can pick them up. One company that makes these products is Advanced Receiver Company. They have receive preamps for most frequencies. They also carry a line of switched preamps that take the preamp out of the line when you transmit. They can also produce for special frequency ranges. They make mast mounted weatherproof switched preamps for the higher amateur frequencies. They also make a line of wideband frequency amplifiers for shortwave listening applications. If you need a preamp for your operating activities check out the ones from Advanced Receiver Company. The web address is <http://www.advancedreceiver.com/>

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we build up circuits just to experiment or try out a circuit for use in amateur radio. One way to do this without having to break out the soldering gun is to use a "BREADBOARD". This is a PC board with a lot of plug in connections for component leads and interconnecting wires. This allows you to build up and test different circuit ideas. You can also make changes to the circuit by just moving jumper connections by plugging and unplugging. I bought a Toshiba touch computer case at the hamfest for \$1.00 and found one of my breadboards fit in perfectly allowing me to work on a circuit and carry it with me, as needed. Obsolete cases for different devices can be found at prices that are much less than the original cost. The case and breadboard allow me to work on circuits where I want to. For those who want to play with circuits and get use to working with breadboards, try out a program called PEBBLE. This software is available for download off the internet for free. The web address is <http://www.picaxe.com/Software/Third-Party/PEBBLE/>



2012 TRAINING CLASSES

Submitted by: Joe Lowenthal WA4OVO, Director of Training

There is no charge for classes, but the student is responsible for the purchase of the license manual and the \$15 ARRL FCC examination fee.

Licenses Earned in 2012 from Delta Classes

31 Technician

9 General

6 Extra

CLASSES PLANNED

If you are interested in any of the classes, send an email to Joe Lowenthal at wa4ovo@arrl.net with your name, email address, and phone number, preferable cell with subject line of the class you are interested in.

Technician Class 4-12 – July 2-August 6, 2012

Tech Class 4-12 will be held on six Monday nights from July 2nd to August 6th at the Memphis-Shelby County Health Dept East Complex at 1075 Mullins Station Road. The FCC exam will be offered on the 5th night of class. The 6th night will be Repeater-Wouxun radio basics.

If you are interested, send an email to Joe Lowenthal at wa4ovo@arrl.net with your name, email address, and phone number, preferably cell with subject line: Tech Class 4-12.

CLASSES IN PROGRESS

None

CLASS INFORMATION

Technician Class

If you are interested in the first amateur license class, Technician, please let us know by sending an email to wa4ovo@arrl.net with subject line "Technician Class" and give name, email address, and a contact phone number (preferably a cell number). Or you can go to the Delta Club webpage www.deltaclub.org click on Training Classes; then click on Technician Class to send an email, or call at 901-683-2701. We usually publish class schedules a month or two in advance. You will be notified by email or phone when the class is set if you send an email informing us of your desire to be in a class.

There is no charge for the class, but registration is required. Advanced study of *The ARRL Ham Radio License Manual*, product #0977/ISBN 978-0-87259-097-7 (red-brick colored cover) is strongly suggested as well as study of the 396 question and answer Technical Class License question pool. Barnes & Noble Booksellers may have this manual. You can purchase it online from www.msars.com, www.arrl.org/catalog or on Amazon.com. The list price is \$29.95 (which includes a CD). The older ARRL Ham Radio License Manual, Second Edition was priced at \$24.95, but did not have a CD.

The current Technician License question pool, which was approved by the NCVEC on February 1, 2010, can be seen at <http://www.ncvec.org/page.php?id=356>. Testing for this question pool started July 1, 2010.

Practice tests are highly recommended. The www.qrz.com website is free. To access the sample tests, go to www.qrz.com. From the QRZ home page click on **RESOURCES** in the blue band on the top right. Then click on 2010 Technician Exam Practice Test. When you start answering the questions, it will show you if you answered correctly or not with **CORRECT!** or **SORRY BUT THAT ANSWER IS NOT CORRECT**. Statistics are kept below the test question at **This Quiz** with the number of questions answered correctly and the percentage correct. Also shown is the number of questions answered correctly from the 396 questions of the question pool. It keeps track of your correct answers on subsequent tests. Below the **This Quiz** line is **Questions in This Test**, that is a list of the 35 question numbers of the current test. If answered correctly, the question number radio button turns green. If answered incorrectly, it turns red.

There are a number of other free sample-test sites. The following are some other ham radio practice exam sites:

- www.aa9pw.com
- <http://kb0mga.net/exams>
- <http://copaseticflow.blogspot.com/2010/06/technician-class-practice-test-gadget.html>
- www.qrz.com
- <http://www.hamradioclass.org>

The 35-question FCC exam will be given at the end of class by a Volunteer Examiner (VE) team. There is a \$15.00 ARRL VEC FCC exam fee.

General Class

If you are interested in a General License Class, please let us know by sending an email to wa4ovo@arrl.net with subject line "General Class." Or you can go to the Delta Club web page www.deltaclub.org; click on Training Classes; then click on General Class to send me an email with name, email address and contact phone, preferably cell number, or call at 901-683-2701. A new question pool became effective July 1, 2011. The new textbook is *The ARRL General Class License Manual, Seventh Edition, item #8119, ISBN 978-0-87259-811-9*. This edition with its question pool is valid through June 30, 2015. Lately, we have been running a combined Technician-General class. You will be notified by email or phone when the class is set.

Basic Electronics Class

The Basic Electronics Class is designed to bridge the electronics-learning gap between the General and the Extra Class licenses. The class textbook is ARRL's *Understanding Basic Electronics, Second Edition*. The suggested calculator is the Casio fx-260 solar calculator, which can be purchased at Wal-Mart for about \$10. There is no exam for this class. The class has been held in the September-November time frame.

If you are interested in the Basic Electronics Class, please let us know by sending an email with name, email address and contact phone, preferably cell number to wa4ovo@arrl.net with subject line "Basic Electronics Class" or call at 901-683-2701. You will be notified by email or phone when the class is set.

Extra Class

If you are interested in an Extra Class, please pre-register by going to the Delta Club web page www.deltaclub.org; click on Training Classes; then click on Extra Class to send an email with name, email address and contact phone, preferably cell number to Joe Lowenthal, WA4OVO, at wa4ovo@arrl.net or call at 901-683-2701. You will be notified by email or phone when the class is set. Classes have been held on Saturdays for 6 or 7 weeks in January and February.

COMPLETED CLASSES

General Class 3-12 – March 26 – May 7th, 2012

Technician Class 2-12 – January 21st & February 4th, 2012

Extra Class 1-12 – January 14 – February 25, 2012

Tech Class 2-12 Revisited

Troop 457 Merit Badge College – February 11, 2012

Troop 225 Merit Badge Class – February 11, 2012

HUNTSVILLE HAMFEST BUS TRIP

August 18, 2012

Submitted by: Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus to go to the Huntsville Hamfest on August 18, 2012. There is a graduated scale fare for the bus trip. The fare is \$60 if paid by June 25, 2012. The fare is \$65 if paid by August 7, 2012. The fare is \$70 if paid after August 7th. There will be biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville and whatever is left for the trip back.

Cash or checks will be accepted for payment. Make checks payable to Delta Amateur Radio Club. You can pay at a meeting. You can also send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120. Please include your name, callsign, cell phone number, and email address.

Reservations will be on a first come first paid basis.

USED BATTERY PICKUP

Submitted By: Rick Tillman WA4NVM

If you have old batteries, please bring them the meeting Tuesday night. Damon will be there to pick them up.

CQ ALL HAMS

Items For Sale

Submitted By: Rick Tillman WA4NVM

Here is a list of all items that are up for sale

Now, the ground rules. Items have been priced using online sites (eBay, QTH.com, eHam, etc) to best guess the prices. All items are up for SALE and not for BID. We are trying to raise money for the funeral expenses for Greg that were borrowed for the service. All money above the expenses goes to his 18 year old son.

They might be a little "flex" in the prices on the larger ticket items. All items not sold as of June 12th will be displayed for sale at the Delta Club monthly meeting. We will also have other items (Delta Club owned) for sale at the same time. Those items are separate and go into the club treasury. Also, Delta Club "Does Not" receive a penny from the KI4OTG estate items. This all goes to expenses and Greg's son Brandon.

I am the point of contact for the family, so you can email me wa4nvm@comcast.net or call my cell 901-268-7047 to ask questions or hopefully tell me you want an item from the list. First come, first served. Emails will go by the time stamp if two or more want the same item. First person will have right of refusal.

There are some smaller items and jumper cables (length not known at this time) that will be sold only at the club meeting.

P.S. – The old DARC 443.200 repeater, at University of Memphis, is up for sale. It will be sold where-is as-is. We now have a \$50.00 bid. We will physically remove the repeater from its present location, bring it downstairs, and the new owner will take possession at that time.

BRAND	ITEM	MODEL		PRICE	
Icom	Radio	IC-746		700	
Alinco	Radio	DX70		375	
Ten Tec	Radio	Jupiter		800	
Kenwood	Radio	TS-130		250	
Ameritron	Amp	AL-80B		700	
Ameritron	Tuner	ATR-30		300	
Motorola	Mobile	GTX-900		100	
Motorola	HT	GTX-900		75	
Icom	Mobile	ID-880H		375	
Kenwood	Mobile	TM-621A	no microphone	120	
Kenwood	Mobile	TM-271		100	
Alinco	Separation Cable	EDS-6	for DX-70 radio		hard to find
Icom	Desk Microphone	SM5		50	
Icom	HT D-Star	IC92-AD		450	
Icom	GPS Mic. for HT	HM-175GPS		160	
Icom	HT - dual band	IC-T7H		100	
Vertex	HT	VX-150		50	
Alinco	HT	DJ-596		50	
Kenwood	Speaker	SP-940		50	
Ten Tec	Speaker			40	
MFJ	Analyzer		older model	75	
MFJ	Antenna Switch	1702		15	
MFJ	Antenna Switch	1702		15	
MFJ	Antenna Switch	1704		50	
MFJ	Ant. Tuner	945E		75	
MFJ	Watt Meter	mj-873		40	
MFJ	Power Supply	4225MV	rough covers	55	
Cushcraft	Beam Ant.	2 meter		40	
	Beam Ant.	900 Mhz		make offer	
Cushcraft	Sat Ant.	432-20T		make offer	
Cushcraft	Sat Ant.	144-10T		make offer	
Radio Shack	Azimuth Rotor			40	
Radio Shack	Azimuth Rotor			40	
Radio Shack	Power Supply	2.5 amp		10	
Radio Shack	Scanner - Nascar	Pro 89		45	
MFJ	Keyer	564B		40	
Heil	Headset	Traveler		50	
Regency	Scanner	ACT-T-K100		20	
Heath Kit	SWR Meter	214-172-1		20	
Diawa	SWR Meter	1.8 - 150mhz			
Battery	Brand ? 100 AH	Good ??			
Uniden	CB Radio	78 LTW		10	
LDG	Balun 4:1			10	
Diawa	SWR Meter				
Pipe no brand	14foot mast pipe				
Andrew	1/2" hardline	50ft			
Andrew	3/8" hardline	80ft			
	Coax Jumpers	length ?		????	

THANK YOU NOTE FROM GREG BUTLER'S FAMILY

Submitted By: Rick Tillman WA4NVM

This was sent to me a few days ago.

To all Ham Radio operators,

We would like to send out a sincere thank you for your thoughtfulness and generosity. The letter was very touching. No one could ever say a bad thing about Greg. He will be loved and missed very much. Thank you for everyone's help and support during this difficult time.

Thank you,
Brandon Butler and Melissa Cox

FCC SEEKS HIGHER VANITY CALL SIGN FEE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

The FCC released a Notice of Proposed Rulemaking (NPRM) on May 4th, seeking to raise the fee for Amateur Radio vanity call signs. The NPRM can be found in PDF format on the web at, http://transition.fcc.gov/Daily_Releases/Daily_Business/2012/db0504/FCC-12-48A1.pdf.

Currently, a vanity call sign costs \$14.20 and is good for 10 years; the new fee, if the FCC plan goes through, will go up to \$15 for 10 years, an increase of 80 cents. The FCC is authorized by the Communications Act of 1934 (as amended) to collect vanity call sign fees to recover the costs associated with that program.

The vanity call sign fee has fluctuated over the 14 years of the current program -- from a low of \$11.70 in 2007 to a high of \$70 (as first proposed in the FCC's 1994 Report and Order). The FCC said it anticipates some 14,300 Amateur Radio vanity call sign "payment units," or applications, during the next fiscal year, collecting 214,500 dollars in fees from the program.

The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new term. The first vanity call sign licenses issued under the current Amateur Radio vanity call sign program that began in 1996 came up for renewal six years ago.

Those holding vanity call signs issued prior to 1993 are exempt from having to pay the vanity call sign regulatory fee at renewal, as Congress did not authorize the FCC to collect regulatory fees until 1996. Such "heritage" vanity call sign holders do not appear as vanity licensees in the FCC Amateur Radio database.

Amateur Radio licensees may file for renewal only within 90 days of their license expiration date. All radio amateurs must have an FCC Registration Number (FRN) before filing any application with the Commission. Applicants can obtain an FRN by going to the ULS web site at, <http://wireless.fcc.gov/uls/index.htm?job=home> and clicking on the "New Users Register" link. You must supply your Social Security Number to obtain an FRN.

LOCAL HAM WINS SCHOLARSHIP

Submitted by: Kenneth Laseter KI4AOH, Director of Publications

Congratulations to Jeffrey Schlichter, KI4AJG on winning the 2012 Don Riebhoff Memorial Scholarship. This scholarship is only awarded to one active amateur radio operator each year.



The ARRL Foundation

Is proud to present

The Donald Riebhoff Memorial Scholarship

To

Jeffrey Schlichter, KI4AJG

Tam Frenaye

ARRL Foundation President

June 1, 2012

SPARKS NEWSLETTER & DELTA CLUB INFORMATION

SPARKS is published monthly by the Delta Amateur Radio Club and emailed to club members. All information published in this newsletter is provided as a service. While every reasonable effort has been made to ensure accuracy, the Delta Amateur Radio Club nor its officers assume any liability resulting from errors or omissions. All correspondence may be mailed to:

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aj4lv@hotmail.com

PUBLIC SERVICE EVENTS --- 2012

If you are a coordinator for any of these events, please review the listed information. If it is incorrect or changes need to be made, please provide me with the correct information. Please email corrections to me at kmlaseter@laseterinc.com.

DATE	EVENT	COORDINATOR	CONTACT INFO.
January 2012			
15 th	Swamp Stompers.	Danny– KJ4FXZ	kj4fxz@arrl.net
February 2012			
11 th	Boy Scout Merit Badge University.	Hugh – WB4SLI	hwardlaw@bellsouth.net
March 2011			
None			
April 2011			
28 th	March for Babies (March of Dimes).	Bob – KF4NDH	kf4ndh@bellsouth.net
28 th	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
May 2012			
19 nd	Memphis in May Triathlon.	Ned - KA4BLL	ka4bll@arrl.net
September 2011			
10 th & 11 th	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December 2011			
1 st	St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net
1 st	Bartlett Christmas Parade	Dennis – KJ4BDU	dcvv3714@aol.com
<hr/>			
TBA	Juvenile Diabetes Research Foundation Walk	Kathleen - KC0HZU	(No Contact Information)
	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com

MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
Delta Club Traffic and Information Net	146.820 - (107.2)	8:00p	Daily
Secret Service Net	224.780 -	8:30p	M
Elmer Net	147.030 + (107.2)	9:00p	M
The Short Winded Net	146.850 -	8:30p	Tu
MedMERS Net	146.730 - (107.2)	12:00p	W
Six Meter Tech Net	53.01 -	8:30p	W
The 440 Net	443.200 + (107.2)	9:00p	W
Collierville CERT Net	444.125 + (107.2)	7:00p	W
TAC 2 Net	224.420 -	8:30p	Th
ARES Training Net	146.880 - (107.2)	9:00p	Th

TENNESSEE HF NETS

Net Name	Freq. MHz	Local Time	Day
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	T-Su
Tennessee Early Morn Phone Net	3.980	5:40a	M-F
Tennessee Morning Phone Net	3.980	6:45a	M-F
Tennessee Evening Phone Net	3.980	6:30p	T-Su
CUSEC (Center for United States Earthquake Consortium)	3.810	As needed	
CUSEC (Center for United States Earthquake Consortium)	7.180	As needed	

DELTA CLUB 146.82 NET PREAMBLE (Rev. 2)

GOOD EVENING: This is _____ calling this session of the DELTA CLUB'S TRAFFIC AND INFORMATION NET. This net is affiliated with the ARRL and the NTS and is organized to pass traffic in and out of the mid - south area, in addition to providing information about club events and amateur related topics. This net meets nightly at 8:00 p.m. CT except the second Tuesday of the month on the 146.82 W4BS repeater and **requires** a pl. tone of 107.2 Hz. All stations will refrain from transmitting without being acknowledged by net control.

All licensed amateurs are encouraged to participate.

Before we begin, is there any station with emergency or priority traffic?

During this net should any station have emergency or priority traffic please use a double break followed by your call sign.

Is there an NTS Liaison station on frequency?

Is there any station wishing to list formal written traffic?

Does any station have announcements for the net?

(If anyone asks to make an announcement after you finish handling the ones taken here ask them to hold until after the monolog. Eliminate the following sentence unless there are announcements.)

Does any station have any questions or need any fills?

We will now take check-ins. Are there any stations that are mobile, on battery power, or needing to leave early, if so please come now phonetically with your suffix only and please remember to spread them out?

We will now take check-ins phonetically by suffix only if your suffix begins ALPHA through HOTEL please come now and remember to spread them out.

We will now take check-ins phonetically by suffix only if your suffix begins INDIA through KEEBECK please come now and remember to spread them out.

We will now take check-ins phonetically by suffix only if your suffix begins ROMEO through ZULU please come now and remember to spread them out.

The DELTA CLUB meets the second Tuesday of each month at the ELLENDALE CHURCH OF CHRIST 7365 HWY 70 in Bartlett at 7:00 P.M. V. E. Registration begins at 5:30 P.M. with testing starting promptly at 6:00 P.M. A copy of your license and CSCE is required. For V. E. Information contact Bill, WC9S at 603-3448. For membership information contact Tom, KJ4LMH at 517-0492. For training information contact Joe WA4OVO at 683-2701.

Are there any additional announcements?

We will now take late check-ins from anywhere in the alphabet ALPHA through ZULU please come now and spread them out.

Is there anything that this station or the net can do for anyone before we close?

This is _____ now closing this session of the DELTA AMATEUR RADIO CLUB'S Traffic and information net and would like to thank all _____ stations for checking in tonight. And would like to ask that everyone to check in tomorrow night at the same time.

GOODNIGHT AND 73: THE NET IS NOW CLOSED. _____ CLEAR

DELTA CLUB ADVERTISEMENTS

See Advertisement Order Form for Instructions.

DELTA AMATEUR RADIO CLUB

P.O. Box 342768
Memphis, TN 38134-2768

DARC Meeting: Second
Tuesday of every month
at Ellendale Church of Christ
7365 Hwy 70, Bartlett TN



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ADVERTISEMENT ORDER FORM



Delta Amateur Radio Club Sparks Advertising Order Form

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Name: _____

Call Sign: _____ Phone: _____ Email: _____

TO PLACE AN ORDER

1. Mark the box below indicating the ad size you are purchasing and the three (3) months you want your ad to appear in Sparks.
2. Submit this completed order form, your camera ready ad, and your check payable to Delta Amateur Radio Club (DARC) to Kenneth Laseter KI4AOH via mail at 684 Oasis Cove, Cordova, TN 38018 or give it to him at the monthly Delta Club meeting. Camera ready means that the ad you submit is exactly as you want it to appear in your ad and fits within the dimensions specified below. Ads may be submitted in gif or jpg format or submitted as a hard copy and we will scan and place your ad for you.
3. Your ad order must be received on or before the first Tuesday of the **month before** you want it to appear in Sparks.

SPARKS ADVERTISING

FULL PAGE \$50.00 for 3 Months 7" w X 8 ½" h <input type="checkbox"/>			HALF PAGE \$25.00 for 3 Months 7" w X 4" h <input type="checkbox"/>			¼ PAGE \$15.00 for 3 Months 3 ½" w X 4" h <input type="checkbox"/>			BUSINESS CARD \$10.00 for 3 Months 3 ½" w X 2" h <input type="checkbox"/>		
Apr 2012	May 2012	Jun 2012	Jul 2012	Aug 2012	Sept 2012	Oct 2012	Nov 2012	Dec 2012	Jan 2013	Feb 2013	Mar 2013