

DELTA AMATEUR RADIO CLUB



SPARKS



P.O. Box 750482 * Memphis, Tennessee 38175 -0482 * Volume 19 * January 2013



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: January 8, 2013 (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: “Emergency Communications”
Presented by: Billy Freeman

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 WN2V

Nothing Received

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of December 1, 2012	\$9,002.81
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Expenses

Tom Raggett	Ham for Dec. meeting	\$44.59
Donation	Ellendale Church	\$200.00

Total Expense	\$244.59
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SubTotal	\$8,758.22
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Income

Membership Dues	Year 2013	\$475.00
Tickets	November Drawing	\$25.00
Donations		\$520.00

Total Income	\$1,020.00
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Ending Balance	as of December 31, 2012	\$9,778.22
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Submitted by Rick Tillman WA4NVM

BOARD MEETING MINUTES

December 4, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

1. Attendees: Steve Smith, David Campbell, Joe Lowenthal, Tom Raggett, Ham Hilliard, Bill Stevens, Richard Martin, David Gilbert, Rosalinda Melena.
2. Nominations were taken for New Ham of the Year and Ham of the Year. Rick Tillman was the single nomination for Ham of the Year. There were 3 nominations for New Ham of the Year. They were Philip Fentress, Mike Knight and Mike McLoughlin. Vote was taken via email and winner will be announced at the General meeting on December 11.
3. Pot luck dinner—It was decided and approved by the Board to purchase 2 spiral sliced hams for the club's contribution to the dinner. Tom Raggett agreed to purchase the hams and prepare them for the dinner.
4. Church donation—It was agreed that the club would give a \$200 contribution to the church for the use of the facility during meetings.
5. Bios for the web site—Rosalinda requested that everyone update their bios for the web site.

6. Training—Out of the 15 students in the recent class, there are 12 new Tech and 3 new Generals.
7. Meeting adjourned.

GENERAL CLUB MEETING MINUTES

December 11, 2012 - Presented by: Tom Raggett KJ4LMH

1. President Rosalinda Melena called meeting to order and welcomed everyone to the annual pot luck dinner.
2. Introductions were held for all present.
3. Treasurer's Report—Treasurer's report was approved as read by Rick Tillman. Ham Hilliard made motion to accept and Larry McMillan second.
4. Training—All 15 students in the recent class passed the test including 3 who made General. There is a new class scheduled for January 12 – February 23.
5. Swamp Stompers—Danny Banks asked for volunteers for the Swamp Stompers event to be held in January.
6. Rosalinda presented Ham of the Year —Rick Tillman
7. Rosalinda presented New Ham of the Year —Philip Fentress
8. David Morris, district director for ARRL, and Henry Leggette, former director, were in town to present Joe Lowenthal with the Herb S. Brier Award. This award is for National Director of Training.
9. David Gilbert asked the blessing for the Pot Luck dinner.
10. Everyone enjoyed all the food and festivities.
11. Monthly drawing was held.
12. Motion was made to adjourn and cleanup started.

AMATEUR PACKET UPDATE

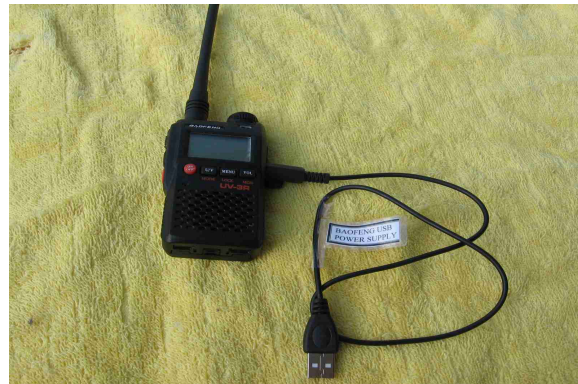
By: James Butler - KB4LJV

Many times when running digital modes we like to be portable or at least have an easy to handle antenna. Comet has come out with a new quad band "V" style antenna for amateurs. The unit is a rotatable trapped dipole design that covers 40,20,15, and 10 meters. The model for this new antenna is the Comet H -422. The unit can be tuned all over the 4 bands and can handle 1000 watts SSB. The antenna connector is an SO -239 style. The antenna can also handle winds to 67 MPH. If you are looking for a good "V" style antenna check this out from Comet. They also have a 5 band CHV -5X. Their web site is <http://www.cometantenna.com/>

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times we need to hook up an external power supply for our radios to conserve the batteries or operate for long periods of time. A lot of HT radios have a connection on the side for an external voltage input. Depending on the brand and model number, the voltage requirement and plug size varies. These power plugs can be bought and wired up for you radio to give you access to an external power source. I bought a bag of ten power plugs for the Baofeng UV -3R HT off of ebay for 48 cents each. I am hooking these up to allow different power supply options for my radio. The picture shows a USB power connector I built. I also built up a 12 volt to 5vdc converter to run the HT from a 12 -volt battery.



2013 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
66 Technician
13 General
6 Extra

CLASSES PLANNED

Extra Class 1-13 – January 12 - February 23, 2013

Extra Class 1-13 will be held on six Saturdays from January 12th to February 23rd except for January 26th. Classes will be from 9am to 1pm at Baptist Women's Hospital, 6225 Humphreys Blvd. The text to be used is the new ARRL Extra Class License Manual Tenth Edition, ISBN 978 -0-87259-517-0. The instructors are Joe Lowenthal WA4OVO, Dean Honadle N2LAZ, Alan Proffitt AE5RX, and Pat Lane W4OQG. If you are interested, send an email to wa4ovo@arrl.net with subject line Extra Class and your name, email address and cell phone number.

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 questions 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.deltacub.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

Technician Class 5-12 – November 5-December 10, 2012

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

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

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:

Delta Amateur Radio Club
P.O. Box 342768
Memphis, Tennessee 38184-2768

2012 BOARD OF DIRECTORS

President:

Rosalinda Melena – WN2V
901-921-4474
wntwov@gmail.com

Vice-President:

Richard Martin – K4DXF
901-372-3722
k4dxf@att.net

Secretary:

Tom Raggett – KJ4LMH
901-517-0492
kj4lmh@gmail.com

Treasurer:

Rick Tillman – WA4NVM
901-268-7047
wa4nvm@comcast.net

Director of Training:

Joe Lowenthal – WA4OVO
901-683-2701
wa4ovo@yahoo.com

Director of Publications:

Kenneth Laseter – KI4AOH
901-853-0400
kmlaseter@laseterinc.com

Director of Programs:

David Campbell – KD4NOQ
901-388-6166
kd4noq@arrl.net

Director of Meetings & Special Events:

David Gilbert – AJ4LV
aj4lv@hotmail.com

PUBLIC SERVICE EVENTS --- 2013

If you are a coordinator for any of the se 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 2013			
20 th	Swamp Stompers.	Danny– KJ4FXZ	kj4fxz@arrl.net
	HELP! – Danny is still looking for volunteers for this event. This is always a fun event and for a good cause. If you can help please contact Danny at the email address shown above.		
February 2013			
9 th	Boy Scout Merit Badge University.	Ken – KI4AOH	kmlaseter@laseterinc.com
April 2013			
27 th	March for Babies (March of Dimes).	Linda – KJ4CTX	llaseter@laseterinc.com
Unknown	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
May 2013			
Unknown	Memphis in May Triathlon.	Ned - KA4BLL	ka4bll@arrl.net
September 2013			
Unknown	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December 2013			
7 th	St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net
Unknown	Bartlett Christmas Parade	Dennis – KJ4BDU	dccv3714@aol.com
<hr/>			
TBA	Juvenile Diabetes Research Foundation Walk	Kathleen - KC0HZU	(No Contact Information)

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



W4BS REPEATER SYSTEM
146.82- 147.36+ (107.2Hz tone)
224.42- 443.20+ (107.2Hz tone)

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Company

Installers of
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ceramic, quarry, marble & slate tiles
(901) 363-9607 or Fax (901)365-1992
5579 Federal Avenue
Memphis, TN 38118-7918

Ned Savage

35 YEARS of EXPERIENCE

ADVERTISEMENT ORDER FORM



Delta Amateur Radio Club Sparks Advertising Order Form

Date: _____

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 1/2" h <input type="checkbox"/>			HALF PAGE \$25.00 for 3 Months 7" w X 4" h <input type="checkbox"/>			1/4 PAGE \$15.00 for 3 Months 3 1/2" w X 4" h <input type="checkbox"/>			BUSINESS CARD \$10.00 for 3 Months 3 1/2" w X 2" h <input type="checkbox"/>		
Jan 2013	Feb 2013	Mar 2013	Apr 2013	May 2013	Jun 2013	Jul 2013	Aug 2013	Sept 2013	Oct 2013	Nov 2013	Dec 2013



DELTA AMATEUR RADIO CLUB
P.O. Box 3428, TN 38184-2 768
2013 MEMBERSHIP APPLICATION



Call sign _____ License Exp. Date ____ / ____ / ____ New Member ____ Renewal ____
License Class (Check One) ____ NOV ____ TECH ____ TECH + ____ GEN ____ ADV ____ EXTRA
Last Name _____ First Name _____ ARRL Member ____ Yes ____ No
Address _____ Birthday Month ____ Day ____
City _____ State _____ Zip+4 _____ + ____
Area Code _____ Home Phone _____ Email _____

This membership current through December 2013

This membership current through December 2013

Club dues:	INDIVIDUAL MEMBERSHIP (\$30.00)*	\$ _____
	FOR FAMILY MEMBERSHIP ADD (\$5.00)	\$ _____
	DONATION	\$ _____
	TOTAL	\$ _____

* Individual dues will be **pro-rated** quarterly for **new members only** (NOT RENEWALS), as follows: January to March – 100% (\$30.00), April to June – 75% (\$22.50), July to September – 50% (\$15.00), October to December – 25% (\$7.50).

Family membership is five dollars in addition to the individual membership fee, which includes any immediate licensed or unlicensed family members living in your home who desire to be Delta Club members.

Please provide family member information below **ONLY** if you are applying for a family membership.

Name (First, Middle, Last)	Call sign (if licensed)	Lic. Class	Lic. Exp. Date	Birthdate: (Mo/Day)
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____

CLUB USE ONLY, PLEASE DO NOT WRITE BELOW THIS LINE

____ CASH ____ CHECK # _____ AMOUNT _____ RECEIVED BY: _____
PROCESSED BY SECRETARY _____ DATE _____
PROCESSED BY TREASURER _____ DATE _____
PROCESSED BY DISTRIBUTION _____ DATE _____