

# DELTA AMATEUR RADIO CLUB

# SPARKS

P.O. Box 342768 \* Memphis, Tennessee 38134-2768 \* Volume 20 \* June 2014



## Welcome to the Delta Amateur Radio Club

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

<b>W4BS</b>	
<b>REPEATER SYSTEM</b>	
146.820 <sup>-107.2</sup>	147.360 <sup>-107.2</sup>
224.420	443.200 <sup>+107.2</sup>

## NEXT CLUB MEETING

- DATE:** June 10, 2014 (2<sup>nd</sup> 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:** "HamWAN – Memphis Amateur Radio Multi-Megabit IP Network"  
Presented by: Ryan Turner K0RET

**VE TESTING:** Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 PM and testing begins by 6:00 PM. Please remember to bring two (2) forms of identification, at least one a photo ID, 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, VE Liaison  
Phone: 901-603-3448  
Email: [wc9s@att.net](mailto:wc9s@att.net)

Congratulations to Floyd Alberson KM4BKJ, David Landreth KM4BKH, Benjamin Gaillard KM4BKG, and Eric Wardlaw KM4BKF for earning their Technician license. Congratulations to James Branda KM4BKI for earning his Technician and upgrade to General. Congratulations to Annabelle Munday WA4VVD for upgrade to General.

## PRESIDENT'S CORNER

By: Joe Wray WD4GXI

It was bound to happen sooner or later. Dayton this year was shades of the past when it was held in April. The weather was very cool and rainy. We even had some sleet Saturday morning. Over all it was a good hamfest. The bright spot was the 100<sup>th</sup> anniversary of the ARRL. I saw about 18 Delta Club members at the Hamvention, however there were probably more. The reason I say that is that I only saw Joe WA4OVO at the AMSAT Banquet, but I knew he was at Hara Arena too. Seemed like everyone either had vehicle problems or traffic construction backups or both. I think everyone had a great time overall. It is really hard to beat the camaraderie and we will be telling stories about this one for years to come!

According to Denise KJ5DG, the Tour de Cure went well even though the food was a little late arriving. To all who took part in this event thanks and job well done.

Field Day is June the 28<sup>th</sup> and 29<sup>th</sup> this year. It will be held at the clubhouse at 2417 Lacosta in Bartlett. This is a joint event with Delta club, MARA, and TRIState. We would like to get a head count at the monthly meeting. If you cannot attend this month's meeting, let me know what Field Day meal (Saturday lunch, Saturday dinner, Sunday breakfast) and/or operating time(s) by leaving a message at [wrayjoe@yahoo.com](mailto:wrayjoe@yahoo.com) or call 829-4848. If you would like to bring a camper feel free to do so. Another point is these three clubs are sponsoring this event, but you do not have to be a member. All hams and potential hams are welcome, even if they can only stay a little while. So bring some one with you or invite others to come. I will see you at the meeting Tuesday June 10th and at Field Day.

## FIELD DAY INFORMATION

Submitted by: Joe Lowenthal WA4OVO, Director of Training

Date: June 28-29, 2014 (Saturday-Sunday)

Time: 1pm-1pm CDT

Place: 2417 Lacosta Drive, Bartlett

(2 blocks east of Bartlett Blvd north of Elmore Rd)

RSVP: Saturday lunch, Saturday dinner, and/or Sunday breakfast meal attendance to Joe Wray at [wrayjoe@yahoo.com](mailto:wrayjoe@yahoo.com) or 829-4848

Operations: Let Joe Wray know if you want to operate and time frame

Participants: All are invited-open to the public

## TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

<b>Beginning Balance</b>	<b>as of May 1, 2014</b>	<b>\$11,887.77</b>
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### Expenses

Main Trading Co.	Nov. Grand Prize Icom IC-7100	\$1,270.00
		<b>Total Expense \$1,270.00</b>
		SubTotal <b>\$10,617.77</b>

### Income

Membership Dues	Year 2014	\$142.50
Tickets	November Drawing	\$35.00
Bus Trip		\$240.00
		<b>Total Income \$417.50</b>

<b>Ending Balance</b>	<b>as of May 31, 2014</b>	<b>\$11,035.27</b>
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Submitted by Rick Tillman WA4NVM

Certificate of Deposit #1	Balance	\$10,188.10
Certificate of Deposit #2	Balance	\$5,000.00
Total DARC Assets	Balance	\$26,223.37

## BOARD MEETING MINUTES

May 6, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

Present: Tom Raggett, David Campbell, Denise Ganuchau, Rick Tillman, Joe Lowenthal, Bill Stevens, Michael Knight

1. Treasurer's Report—Board approved treasurer's report for April.
2. Women's Net—Denise Ganuchau proposed a women's net for Sunday night. It was noted that 7pm was preferable. Michael Knight seconded the motion and the Board approved. It will start on May 18, 2014.
3. CERTPLUS Net—Bill Stevens made motion for a CERTPLUS net to be held on Wednesday nights at 8:30 on 443.200. Rick Tillman seconded the motion and Board approved.
4. November Drawing—Bill Stevens made motion to buy an ICOM 7100 for \$1295 for the grand prize at the November drawing. Michael Knight seconded, Board approved.
5. Trailer Sale—The Board decided to sell the tower trailer for \$3000. We will split the actual trailer from the tower(if needed) and sell separately for \$1500 for each part. The trailer will be sold as is.
6. Swapfest—Denise Ganuchau proposed that we have the next Swapfest with MARA. Michael Knight seconded. Board approved. Date will be determined.

7. Programs—Billy Freeman will present “Communication for the OSO Washington Mudslide” for May program.
8. Training—There is a Tech class beginning July 14, for 6 Monday nights, ending August 18. Location to be determined.
9. Huntsville Hamfest Bus Trip—The deposit will be \$60 until after Field Day. June 30 to July 31 deposit will be \$65. The deposit will be \$70 after July 31 until trip time. Students in the April Tech class will pay \$60.
10. Meeting adjourned.

## **GENERAL CLUB MEETING MINUTES**

May 13, 2014 - Presented by: Tom Raggett KJ4LMH

The meeting was brought to order by president Joe Wray WD4GXI

1. The treasurer’s report was presented by treasurer Rick Tillman WA4NVM  
Motion to accept by Ham Hilliard W4GMM, seconded by Joe Lowenthal WA4OVO.  
Passed
2. A motion was made by Ham Hilliard W4GMM to approve the minutes as printed in Sparks, seconded by Jim Sanders KE5RHM. Passed
3. Bill Stevens WC9S gave the report on testing. We have 4 new technicians and 1 new general.
4. There was a motion by Bill Stevens WC9S, seconded by Richard Martin K4DXF to try to sell he antenna trailer for \$3,000.00. Passed
5. Joe Lowenthal WA4OVO reported that the will be a technician class for 6 Monday nights starting July 14<sup>th</sup>.
6. Joe also reported that we now are taking reservations for the bus trip to the Huntsville Hamfest
7. Denise Ganuchau KJ5DG reminded everyone about the new ladies net which is to be Sunday at 7:00.
8. It was announced that the board will try to coordinate a swap meet with MARA sometime during the month of June.
9. The board announced that the main prize for the November raffle will be an Icom 7100. A reminder was given that you must be a member in good standing to win the main prize.
10. The program was given by Billie Freeman KD4EYW on his recent deployment to the mud slide disaster in Washington state.
11. Ham Hilliard W4Gmm made a motion, seconded by Richard Martin K4DXF to adjourn. Passed

## AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

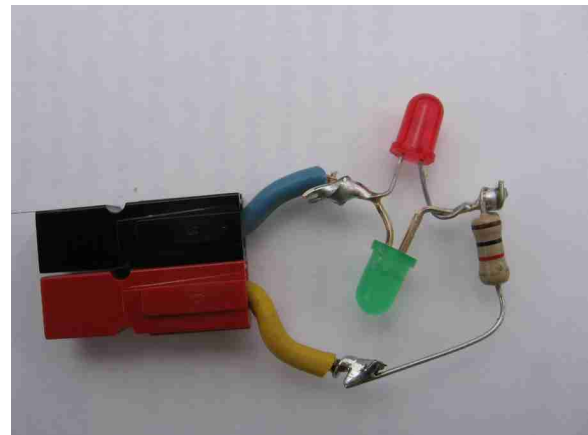
Many times when wearing HT radios on our belt we find the antenna that came with the radio to be less than comfortable. These are either too long or not as flexible as we would like. One unique HT antenna is the dual band stubby mini duck antenna. It is designed for the 2 meter and 440 bands and is only three inches long. Its major advantage is the fact that it is also super flexible. Powerwerx sells it for their Wouxun model HTs. It works on radios with the reverse SMA male type connector (Chinese brands vs Japanese). If you are in the market for a flexible HT antenna, check this one out. The website is

<http://www.powerwerx.com/two-way-radios/handheld-wouxun-radios/stubby-mini-duck-flexible-antenna-kg-uv3d.html>

## AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

The new standard for 12 VDC power connections are Power Pole connectors made by Powerwerx. These are priced right and make hookups easy and are the standard for emergency radio equipment. I always like to check to make sure I have hooked up properly to an emergency power supply. I do not want to accidentally hook up equipment with reverse polarity and damage the equipment. This month's project is the polarity checker for the power pole connectors. It consists of the red and black connectors, a red LED, a green LED, and a 1000 ohm resistor. The LEDs are wired in parallel with anode of the green led to the cathode of the red led and cathode of the green led to the anode of the red led. These parallel LEDs are then wired in series with the 1000 ohm resistor. Since the LEDs are wired in reverse to each other one polarity will light up only the green LED and the opposite polarity will only light up the red LED. By soldering to the red and black Powerwerx connectors we can check for proper polarity. When wired up, the green LED will light up if polarity is correct, and the red LED will light to warn you if it is reversed. Make sure to check for proper polarity with a meter and make sure the green led lights up when plugged in. If the red LED lights instead of the green one reverse connections to the Powerwerx connectors. This works great and keeps me from damaging equipment. To see Powerwerx connectors you can go to their website. It is <http://www.powerwerx.com>



## 2014 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 2014 from Delta Classes*

8 Technician

11 General

5 Extra

**Note: The question pool for the Technician Class license exam in The ARRL Ham Radio License Manual Revised Second Edition will expire on June 30, 2014. The new manual is the Third Edition which will be available in late May from ARRL.**

### ***CLASSES SCHEDULED***

***Tech Class 4-14 – July 14 – August 18, 2014***

Tech Class 4-14 will be held on 6 Monday nights from July 14<sup>th</sup> to August 18<sup>th</sup> at Lord of Life Lutheran Church at 6865 Poplar Pike just east of Kirby Parkway. If you are interested, send an email to Joe Lowenthal at [wa4ovo@gmail.com](mailto:wa4ovo@gmail.com) with Tech Class in the Subject line and name, email address and cellphone number in the text. Pre-registration is required. The text for the course will be the new The ARRL Ham Radio License Manual 3<sup>rd</sup> Edition which becomes effective July 1, 2014 for four years.

### ***CLASSES IN PROGRESS***

***None***

#### 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](mailto: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](http://www.deltaclub.org) click on Training Classes; then click on Technician Class to send an email, or call at 904628-4318. 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 Third Edition*, is strongly suggested, as well as study of the 426 question and answer Technical Class License question pool. You can purchase it online from [www.msars.com](http://www.msars.com), [www.arrl.org/catalog](http://www.arrl.org/catalog), on [Amazon.com](http://Amazon.com), or possibly Barnes & Noble booksellers.

The new Technician question pool which becomes effective July 1, 2014 can be seen at <http://ncvec.org/page.php?id=362>

Practice tests are highly recommended. The [www.qrz.com](http://www.qrz.com) website is free. To access the current 2010-2014 sample tests, go to [www.qrz.com](http://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 on the internet. Here are some of the ham radio practice exam sites:

- [www.hamstudy.org](http://www.hamstudy.org)
- [www.aa9pw.com](http://www.aa9pw.com)
- <http://kb0mga.net/exams>
- [www.qrz.com](http://www.qrz.com)
- <http://www.hamradioclass.org>

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

### GENERAL CLASS

If you are interested in a General License class, please let us know by sending an email to [wa4ovo@arrl.net](mailto:wa4ovo@arrl.net) with subject line "General Class." Or you can go to the Delta Club web page [www.deltaclub.org](http://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 901-628-4318. The current question pool became effective July 1, 2011 and valid through June 30, 2015. The text is *The ARRL General Class License Manual, Seventh Edition* with sample test CD, ARRL product #8119, ISBN 978-0-87259-811-9. You will be notified by email or phone when the class is set if you have sent an email.

### BASIC ELECTRONICS

Basic Electronics is geared toward bridging the gap between the General and Extra Class licenses. **There is not a Basic Electronics class in the classroom anymore** since there is so much on the internet. Alan Proffitt AE5RX has created a Google website for basic electronics for the Delta Club with useful links. Click on <https://sites.google.com/site/darcelectronics/my-forms> and then click on syllabus.docx at the bottom of the list. Alan, [alan.proffitt@comcast.net](mailto:alan.proffitt@comcast.net), will Elmer anyone who would like help or refer them to another Elmer. One site inside this Google site is the US Navy Electricity and Electronics Testing Site (NEETS). There are 24 modules with excellent information. If you want to go directly to it, go to <http://jacquesricher.com/NEETS/>.

### EXTRA CLASS

If you are interested in an Extra Class, please pre-register by going to the Delta Club web page [www.deltaclub.org](http://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](mailto:wa4ovo@arrl.net) or call at 901-628-4318. You will be notified by email or phone when the class is set. Classes are usually held on Saturdays from 9am-1pm for 6 or 7 weeks in January and February. The text is *The ARRL Extra Class License Manual 10<sup>th</sup> Edition*, ARRL product #5170, ISBN 978-0-87259-517-0.

### ***Tech Class 1-07 Revisited***

Congratulations to Eric Wardlaw KM4BKF who passed his Technician at the May 13<sup>th</sup> Delta Club test session. The word is he has applied for WB4SLK to follow his parents, Hugh WB4SLI and Linda WB4SLJ.

### ***Tech Class 3-14 – March 10 – April 21, 2014***

Tech Class 3-14 was held on 6 Monday nights from March 10<sup>th</sup> to April 21<sup>st</sup> at EMHC ambulance offices at 6972 Appling Farms Parkway. Ten students were registered with only seven continuing. The instructors were Pat Lane W4OQG and Joe Lowenthal WA4OVO.

On the 5<sup>th</sup> night there was a question pool review and FCC exam. Congratulations to Brad Chafin KK4ZZW, Keith Frazier KK4ZZX, Denise Nepa KK4ZZY, Tom Unger KK4ZZZ, Nolen Smith KM4AAR, and Richard Weiland KG5BHV. Chris Trim KM4AEN earned his license at FreeFest, and Richard Weiland KG5BHV upgraded to General at FreeFest.

On the sixth night of class Joe Lowenthal went over repeater basics and what is required to program an FM radio. The demonstration instructors were Michael Knight KK4IOH on EchoLink and DStar. Pat Lane W4OQG presented WinLink and Rick Pellicciotti KJ4NWQ on APRS. The Elmers were Casey Nepa NO1NO, Tom Ernst N4LIA, and Geoff Wilson KV4LE.

### ***Extra Class 2-14 – February 22 – April 12, 2014***

Extra Class 2-14 was held on 6 Saturdays from February 22<sup>nd</sup> until April 12<sup>th</sup> from 9am-1pm at EMHC ambulance offices at 6972 Appling Farms Parkway and the WCARS FCC exam at 2014 FreeFest. The students were Art Barnett WA4PSS, Jimmy Butler KK4SZQ, Dorothy Cantrell KF5TAV, James Jones KI4HTC, Janet Kelly KK4PRT, Jerry King KD4EYU, Ray Phetteplace KJ4SBC, Chuck Pigue KK4NEO, Dean Plessala KC5RDP, and Sue Plessala KF5ZJI. The instructors were Ed Arndt KV4LF, Dean Honadle N2LAZ, Pat Lane W4OQG and Joe Lowenthal WA4OVO. Dan Lasely NE7JN was an Elmer.

Congratulations to Dorothy Cantrell KF5TAV for upgrading to Extra before the end of the class at the CARA ARRL FCC test session on March 17<sup>th</sup>. Congratulations to Jimmy Butler KV4XE, Ray Phetteplace KJ4SBC, Dean Plessala KC5RDKP, and Sue Plessala AF5PY for their upgrades at FreeFest.

### ***General Class 1-14 – January 4 – February 15, 2014***

General Class 1-14 began on January 4<sup>th</sup> for 6 Saturdays from 9am-1pm through February 15<sup>th</sup>. The location was at EMHC ambulance offices at 6972 Appling Farms Parkway. The instructors were Joe Lowenthal WA4OVO, Ed Arndt KV4LF and Pat Lane W4OQG. Elmers were Dan Lasley NE7JN and Art Barnett WA4PSS.

Ten hams have upgraded to General. Congratulations to Jimmy Butler KK4SZQ, Ed Itkin KK4VPU, Dean Plessala KF5ZJH, Sue Plessala KF5ZJI, Thomas Showers KF5VEB, Doug Sporre KK4VQB, and Jan Sporre KK4VQA. Steven Wiley WB4PAG upgraded at the Hoxey Hamfest. Barri Munday WB4SWP upgraded at the March Delta Club test session and Bill Flanigan KK4VPS upgraded at the April Delta Club test session. The Delta Club VE team led by Bill Stevens WC9S provided the ARRL FCC testing on February 15<sup>th</sup>. Thanks to Bill Stevens WC9S, Ed Arndt KV4LF, Jeff Krause AJ4GY, Ken Laseter KI4AOH, Ray Turner AE0AE, David Webb KV4QI, and Joe Lowenthal WA4OVO.



**Hugh Evins Wardlaw, Jr. SK formerly WB4SLJ  
(father of Hugh Wardlaw WB4SLI)**

It is with sadness we report that Evins Wardlaw died Monday, May 19, 2014 at age 96. Evins was buried with full military honors at Memphis Memory Gardens. He delayed his mechanical engineering degree from Mississippi State with service as an Infantry officer during WWII. After the war he got his degree and was later employed by the US Army Corps of Engineers in Memphis from where he retired as chief of the mechanical and electrical engineering section. He was a member of the Delta Club from 1969 and President in 1979 when the club met in the Whitehaven Library. When Evins went into the assisted living facility at Kirby Pines, he let his license expire which allowed his daughter-in-law, Linda Wardlaw, to obtain WB4SLJ. His son, Hugh III, recounts the many nights in the 1960's he and his sister Jan would help their father check the blueprints for the Corps of Engineers W.G. Huxtable Pumping Station being proposed for the St. Francis River near Mariana AR. Huxtable is the world's biggest freshwater pump at a hundred thousand gallons a second.



Evins Wardlaw

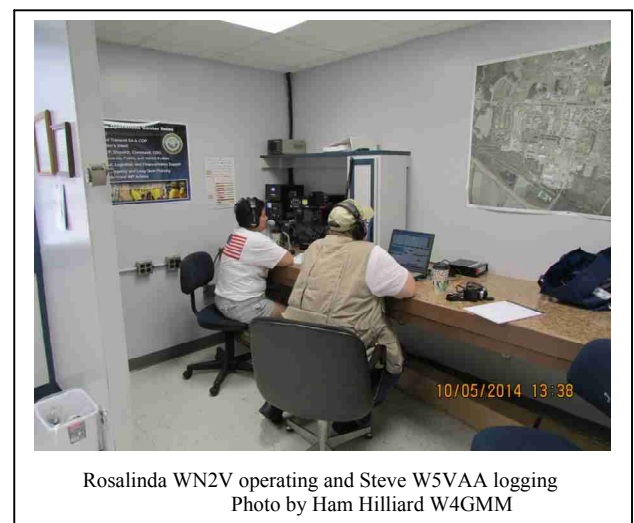
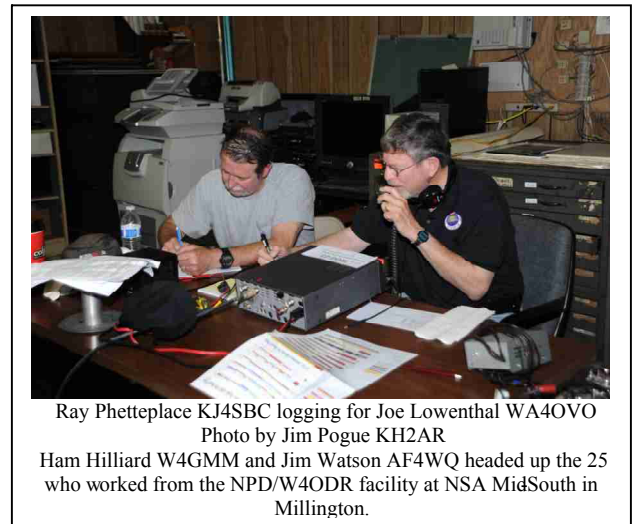
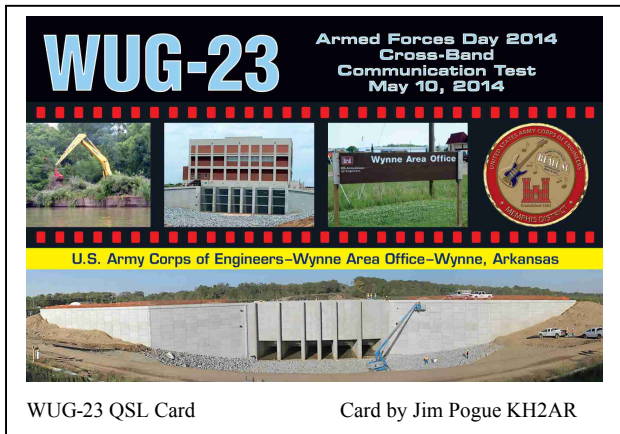
**2014 ARMED FORCES DAY COMMUNICATIONS EXERCISE**

Submitted by: Joe Lowenthal WA4OVO

May 10<sup>th</sup> was the 2014 Armed Forces Day Communications Exercise, frequently called the MARS crossband exercise. Conditions were mixed with some moments of good propagation and then longer periods of silence. Overall there were 21 military stations. This year there were two armed forces stations operating from the Memphis area, the US Army Corps of Engineers WUG-23 in Wynne AR and the Navy NPD in Millington.

Jim Pogue KH2AR and Pat Lane W4OQG headed up the Memphis District Army Corps of Engineers station WUG-23 along with Nina Stone WB4CHH, Ray Phetteplace KJ4SBC, and Joe Lowenthal WA4OVO operating. Short wave listening cards were received from Germany, Switzerland, and a midAtlantic merchant mariner.

Ray Phetteplace KJ4SBC logging for Joe Lowenthal WA4OVO Photo by Jim Pogue KH2AR  
Ham Hilliard W4GMM and Jim Watson AF4WQ headed up the 25 who worked from the NPD/W4ODR facility at NSA Mid-South in Millington.



**YL NET**  
Submitted by Denise Ganucheau KG5DG

QST all Ladies, QST all Ladies, a YL (Young Ladies) net began on Sunday, May 18<sup>th</sup> at 7pm with Lisa Alex N0AMO as net control. For the first three nets, the check-ins were from 10-15 hams. Some of the topics for discussion were, “What do you like about the hobby?” , “How do you like to use your radio?” and “What can you do to address mic fright?”

All ladies are invited to check in at 7PM on Sunday nights. If you have any topics for discussion, send them to me. I will be net control on June 15<sup>th</sup>. We are looking for additional net control YLs. If anyone would like to call the net, please contact me at [kg5dg.denise@gmail.com](mailto:kg5dg.denise@gmail.com) or give me a call at 248-4806. See you on the net.

## HUNTSVILLE HAMFEST BUS TRIP – AUGUST 16, 2014

Submitted by Joe Lowenthal WA4OVO, Director of Training

DARC is sponsoring a 50-passenger bus trip to go to the Huntsville Hamfest on August 16, 2014. There is a graduated scale fare for the bus trip. The fare is \$60 if paid by June 30, 2014. The fare is \$65 if paid by August 1, 2014, and \$70 if paid after August 1st. The fare includes the \$8 hamfest entry ticket. 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 the meeting to Treasurer Rick Tillman WA4NVM. You can also send your check to Joe Lowenthal WA4OVO, 6675 Ashbridge Cove, Memphis, TN 38120 or at Field Day. Please include your name, callsign, cell phone number, and email address.

**Reservations will be on a first come first paid basis.**

The bus will leave Ellendale Church of Christ, 7365 Highway 70, Bartlett, TN at 6:00am on August 16th. A second pickup point will be at Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at approximately 6:30am. The bus will leave Huntsville immediately after the 4pm door prize drawing and return to Germantown Baptist Church approximately 7:30pm and Ellendale Church of Christ at approximately 8:15pm.

Ellendale Church of Christ has asked us to park in the larger parking lot on the westside of the building to leave the east side open for church activity parking.

The pickup point at Germantown Baptist Church will be on the east side of the church (toward Collierville) just north of the baseball diamonds and south of the gym (called theCORE) between the gym and the baseball diamonds to the front.

## TENNESSEE HAM RADIO LICENSE PLATE

Submitted by: Joe Lowenthal WA4OVO

The link below is for information and instructions about Tennessee ham radio callsign automobile license plates :

<http://www.tn.gov/revenue/vehicle/licenseplates/emergency/emergsaftey.shtml>

The application is at [www.tn.gov/revenue/forms/titlereg/f1312601Fill-in.pdf](http://www.tn.gov/revenue/forms/titlereg/f1312601Fill-in.pdf)

## 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

### 2014 BOARD OF DIRECTORS

**President:**  
*Joe Wray WD4GXI*  
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[wrayjoe@yahoo.com](mailto:wrayjoe@yahoo.com)

**Vice-President:**  
*Michael Knight KK4IOH*  
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[kk4ioh@arrl.net](mailto:kk4ioh@arrl.net)

**Secretary:**  
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901-517-0492  
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**Treasurer:**  
Rick Tillman– WA4NVM  
901-268-7047  
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**Director of Training:**  
Joe Lowenthal – WA4OVO  
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**Director of Publications:**  
Kenneth Laseter – KI4AOH  
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[kmlaseter@laseterinc.com](mailto:kmlaseter@laseterinc.com)

**Director of Programs:**  
David Campbell– KD4NOQ  
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[kd4noq@arrl.net](mailto:kd4noq@arrl.net)

**Director of Meetings & Special Events:**  
*Denise Ganucheau KJ5DG*  
*901-248-4806*  
[kj5dg@arrl.net](mailto:kj5dg@arrl.net)

New board members joining us in 2014 are listed in red.

## HAM FESTS OF INTEREST

DATE	HAM FEST	LOCATION	LINK
<b>January 2014</b> <b>24<sup>th</sup> &amp; 25<sup>th</sup></b>	Capital City Hamfest	Jackson, MS	<a href="http://hamfest.msham.org/">http://hamfest.msham.org/</a>
<b>March 2014</b> <b>1<sup>st</sup> &amp; 2<sup>nd</sup></b> <b>29<sup>th</sup></b>	Birmingham Hamfest Union City Hamfest	Birmingham, AL Union City, TN	<a href="http://birminghamfest.org/">http://birminghamfest.org/</a> <a href="http://www.reelfootarc.com/">http://www.reelfootarc.com/</a>
<b>April 2014</b> <b>12<sup>th</sup></b>	Free Fest	Bartlett, TN	
<b>May 2014</b> <b>16<sup>th</sup> Thru 18<sup>th</sup></b>	Hamvention	Dayton, OH	<a href="http://www.hamvention.org/">http://www.hamvention.org/</a>
<b>August 2014</b> <b>16<sup>th</sup> &amp; 17<sup>th</sup></b>	Huntsville Hamfest	Huntsville, AL	<a href="http://www.hamfest.org/">http://www.hamfest.org/</a>
Delta Amateur Radio Club		June 2014 Sparks	

## PUBLIC SERVICE EVENTS --- 2014

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](mailto:kmlaseter@laseterinc.com).

DATE	EVENT	COORDINATOR	CONTACT INFO.
<b>January 2014</b>			
19 <sup>th</sup>	Swamp Stompers.	Danny- KJ4FXZ	<a href="mailto:kj4fxz@arrl.net">kj4fxz@arrl.net</a>
<b>February 2014</b>			
8 <sup>th</sup>	Boy Scout Merit Badge University.	Ken - KI4AOH	<a href="mailto:kmlaseter@laseterinc.com">kmlaseter@laseterinc.com</a>
<b>April 2014</b>			
26 <sup>th</sup>	March for Babies (March of Dimes).	Linda - KJ4CTX	<a href="mailto:llaseter@laseterinc.com">llaseter@laseterinc.com</a>
<b>May 2014</b>			
31 <sup>th</sup>	Tour de Cure	Denise - KJ5DG	<a href="mailto:kj5dg.denise@gmail.com">kj5dg.denise@gmail.com</a>
<b>September 2014</b>			
6 <sup>th</sup> - 7 <sup>th</sup>	MS 150 Bike Ride	Darrell - KK4D	<a href="mailto:kk4d@xipline.com">kk4d@xipline.com</a>
<b>December 2014</b>			
6 <sup>th</sup>	St. Jude Marathon	Roger - WR4R	<a href="mailto:wr4r@bellsouth.net">wr4r@bellsouth.net</a>

## MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
<b>Delta Club Traffic and Information Net</b>	<b>146.820 - (107.2)</b>	<b>8:00p</b>	<b>Daily</b>
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
<b>Collierville CERTPlus Net</b>	<b>444.125 + (107.2)</b>	<b>7:00p</b>	<b>W</b>
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 (11/21/13)

Good evening, this is *[first name and callsign]* calling this session of the DELTA CLUB's Information Net. This net meets nightly at 8:00 pm central time except the second Tuesday of the month on the 146.82 W4BS repeater and requires a PL tone of 107.2 Hz. This net provides an opportunity to present information about club events and amateur related topics. This Net also provides new amateur stations training, and allows all amateurs a regularly scheduled session for testing their radios and communicating with the amateur radio community. In the event of severe weather this is the National Weather Service Skywan Repeater for the Memphis area.

All licensed amateurs are encouraged to participate. All stations are requested to refrain from transmitting without being acknowledged by net control. Stations not providing their callsign or suffix will not be acknowledged.

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.

Does any station have announcements for the net? (Does any station have any questions or need any fills?)

This is *[first name and callsign]* with the Delta Club's Information Net.

We will now take **Early Check-Ins**. Are there any stations that need to leave early? If so please come now, phonetically, with your suffix only, and please remember to spread them out by waiting for the courtesy tone. (Ask for additions or corrections only once)

We will now take checkins phonetically, by suffix only if your suffix begins **A – H**, Alpha through Hotel. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

This is *[first name and callsign]* with the Delta Club's Information Net.

We will now take checkins phonetically, by suffix only if your suffix begins **I – Q**, India through Keebeck. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

We will now take checkins phonetically, by suffix only, if your suffix begins **R – Z**, Romeo through Zulu. Please come now and remember to spread them out. (Ask for additions or corrections only once if you have a short list)

This is *[first name and callsign]* with the Delta Club's Information Net.

1. The Delta Club meets the second Tuesday of each month at the Ellendale Church of Christ, 7365 HWY 70 in Bartlett at 7:00pm.
2. VE registration begins at 5:30pm, with testing starting by 6:00pm. A copy of your license and CSCE is required.
3. For VE information contact Bill, WC9S at 603-3448 or by email at WC9S@att.net
4. For membership information contact Tom KJ4LMH at 5170492 or by email at KJ4LMH@arrl.net.
5. For training information contact Joe WA4OVO at 6284318 or by email at WA4OVO@arrl.net.
6. Local area code is nine-zero-one.

Are there any additional announcements? (does any station have any questions or need any fills?)

We will now take **late check-ins** from any anywhere in the alphabet, A Z, Alpha through Zulu. Please come now, phonetically, with your suffix only, and please remember to spread them out. (ask for additions or corrections )

### **CLOSE**

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

This is *[first name and callsign]* now closing this session of the Delta Club's Information Net. I would like to thank all \_\_\_\_\_ stations for checking in tonight, and would like to ask that everyone check in tomorrow night at the same time. Goodnight and 73, the net is now closed. This is *[first name and callsign]* 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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Alex@millerprotective.com

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MEMPHIS, TN 38119  
TN LICENSE C-0291



# 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			HALF PAGE			¼ PAGE			BUSINESS CARD		
<b>\$50.00</b>			<b>\$25.00</b>			<b>\$15.00</b>			<b>\$10.00</b>		
for 3 Months			for 3 Months			for 3 Months			for 3 Months		
7" w X 8 ½" h			7" w X 4" h			3 ½" w X 4" h			3 ½" w X 2" h		
Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	July 2014	Aug 2014	Sept 2014	Oct 2014	Nov 2014	Dec 2014



**DELTA AMATEUR RADIO CLUB**  
P.O. Box 342768, TN 38134-2768  
**2014 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 \_\_\_\_\_ BirthdaMonth \_\_\_\_ Day \_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_ + \_\_\_\_  
Area Code \_\_\_\_\_ Home Phone \_\_\_\_\_ Email \_\_\_\_\_

**This membership current through December 2013**

This membership current through December 2014

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. _____	_____	_____	_____	_____

**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 \_\_\_\_\_