

DELTA AMATEUR RADIO CLUB

SPARKS

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



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^{+107.2}

NEXT CLUB MEETING

- DATE:** May 13, 2014 (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:** "Communications Support for the Oso Washington Mudslide"
Presented by: Billy Freeman KD4EYW
FEMA Communications Unit Leader

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

Congratulations to Kevin Schmidt KM4AHF and Jeffrey Walls KM4AHG for earning their Technician license. Congratulations to Bill Flanigan KK4VPS for his upgrade to General.

PRESIDENT'S CORNER

By: Joe Wray WD4GXI

It is May and it is Dayton Hamvention time again. As I have said time and again if you have never been, you need to go at least one time. If you are not going, but would like to get a little taste of Dayton, go to Tom Medlin (W5KUB)'s web video broadcast page at <http://w5kub.com>. Tom has streaming live video while on the road to Dayton and from his booth during the Hamvention. He will have interviews with well-known hams and you will probably see some local hams as well. While you are on the net sign up for his chat room for a chance to win some really nice prizes. Col Doug Wheelock (KF5BOC) who flew on one of the later ISS missions is going to be Tom's guest Friday and Saturday. He will autograph photos at the booth. If you are there stop by and say Hi or if you're on the web check out the site for some interviews with Doug.



Tom Medlin K5KUB interview with Col. Doug Wheelock
KF5BOC at Dayton 2011 Hamvention
Photo by Joe Wray WD4GXI

Remember the Diabetes Association Tour de Cure bike ride is May 31st from Mud Island up through Shelby Forest and back. A 25-50 watt mobile radio is required. If interested in working this public service event, contact Denise Ganuchau KJ5DG at the May meeting, or at kj5dg.denise@gmail.com or 248-4806.

June is Field Day month. Starting time is 1800 UTC (1pm) Saturday June 28 through 1759 UTC (12:59pm) Sunday, June 29. Delta Club will be combining efforts with MARA and Tri- State again this year. Keep those days open to come by and rag

chew with fellow hams and operate. Oh! Of course, eat a little too. We have a number of hams that don't have the means to operate on the HF bands so this is your chance to get your feet wet. Come on out and support Field Day 2014. Technician class licensees are welcome to operate under the club's callsign. You can wander in and out at your leisure. We will be at Tony Brignole (WA4KHN) Country Club Estates club house at 2417 Lacosta Dr in Bartlett. More details at the meeting and in next month's newsletter.

YL NET BEGINS

Submitted by: Denise Ganuchau KJ5DG

A YL (Young Ladies) Net is to begin on Sunday, May 18th at 7pm on the Delta Club 146.82 repeater. All ladies are invited to join in on the conversation. The first net control operator will be Lisa Alex N0AMO.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of April 1, 2014	\$11,009.77
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Expenses

Kroger	Food and Drinks	\$200.00
Cline Tours Inc.	Huntsville Bus Trip	\$165.00

Total Expense	\$365.00
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SubTotal **\$10,644.77**

Income

Membership Dues	Year 2014	\$257.50
Tickets	November Drawing	\$105.00
Club Patch		\$10.00
Donated Gear		\$810.00
Donation		\$0.50
Bus Trip		\$60.00

Total Income	\$1,243.00
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Ending Balance	as of April 30, 2014	\$11,887.77
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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	\$27,075.87

BOARD MEETING MINUTES

April 1, 2014 - Presented by: Tom Raggett KJ4LMH Secretary

- Present: Joe Wray, Joe Lowenthal, Tom Raggett, Bill Stevens, David Campbell
- Programs—Michael Knight will give presentation on Echolink at the next General meeting. David is still working on future programs.
- Trailer Sale—Discussion continued regarding the sale of the antenna trailer. Tom Raggett made a motion to recommend the sale of the trailer at the next General meeting, Bill Stevens seconded the motion. Motion passed and the Board will recommend selling the trailer at the next General meeting.
- Training—There are 2 classes in progress. The Tech class has 7 people to test and the Extra has 8 people to test. There is a Tech class scheduled for July 14-Aug 18, 6 Monday nights at Lord of Life Lutheran Church.

- Treasurer Report—Bill Stevens presented the Treasurer’s report in Rick Tillman’s absence. Joe Lowenthal made motion to approve, Bill Stevens seconded. The report will be presented at the next General meeting.
- Freefest—Everyone was reminded of Freefest on April 12, 2014.
- Mississippi QSO—Mississippi QSO April, 5, 2014.
- Huntsville Hamfest—Joe Lowenthal is continuing to work on the bus trip to the Huntsville Hamfest.
- Meeting Adjourned.

GENERAL CLUB MEETING MINUTES

April 8, 2014 - Presented by: Tom Raggett KJ4LMH

- President Joe Wray called the meeting to order, welcoming everyone and asking for introductions.
- Swap Meet—Swap meet was a great success, everyone enjoyed themselves and ate a lot of donuts.
- Minutes—Ham Hilliard made motion to accept the minutes as printed in SPARKS, Bill Covington seconded. All approved.
- Training—Extra class finished classwork April 5, one student Dorothy, KF5TAV passed her Extra test. Tech class had 6 tested and 6 passed. Next Tech class starts July 14 for 6 Monday nights at the Lord of Life Lutheran Church.
- Treasurer’s report—Rick Tillman presented the Treasurer’s report. Ham Hilliard made motion to accept the Treasurer’s report, Rosalinda Melena seconded. Approved by meeting.
- Testing—2 new Techs and 1 General.
- Armed Forces Day—Ham Hilliard presented information about Armed Forces Day on May 10, 2014. It will be held at the MARS shack at the Navy base at Millington from 7am to 11pm. If any member would like to participate, contact Ham. Pat Lane is setting up an Armed Forces Day station in Wynne, AR. Setup will be May 8. Contact Pat if you would like to participate at the Wynne, AR site.
- March of Dimes Walk for Babies—Still need 13 additional volunteers to help on April 26, 6am-12pm.
- Huntsville Hamfest—Joe Lowenthal is continuing to work on the August bus trip to the Huntsville Hamfest. Early registration is \$60. Price will go up as we get closer to the trip.

- Antenna Trailer—Bill Stevens presented the Board’s recommendation to sell the trailer to the entire meeting. The entire club will vote on the sale. Ron Rubin made a motion to table the decision to sell, Richard Martin seconded.
- Program—Michael Knight presented program on Echolink.
- Door Prize—Drawing was held, David Campbell won.
- Meeting Adjourned—Ham Hilliard made motion to adjourn, Tom Raggett seconded.
- Adjourned.

AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

Operating newer equipment can be tricky because they are complex. With lots of features and pull down menus it is hard to know everything about our radios. Manuals are now required to help do all these adjustments. One company that has come out with mini manuals for selected radios is Nifty Accessories. They have an entire series of mini manuals that are spiral bound and fully laminated to go with you radio. They also sell laminated tri-fold wallet quick reference manuals for handheld radios. To see all the radios they cover check them out at <http://www.niftyaccessories.com/index.html>

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

When receiving digital signals on our radios we hear tones we feed to the computer to decode. The proper tuning for tone and volume is great for the computer, but not for our ears. Listening to the digital audio for long periods of time can be tiring. I built up a digital audio switch for the receive interface from the radio to the computer. It allows me to turn on a speaker and use it for voice and CW modes but turn the speaker off for PSK31, Packet, and other modes I do not need to hear. The digital audio switch allows it to be quiet in the radio room when running these modes. The switch is wired in series with one of the speaker leads to kill the audio to the speaker when the audio is not wanted. It makes running digital modes a lot nicer.



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

7 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 14th to August 18th 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 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 3rd Edition which will be available from ARRL in late May and 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 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 901-628-4318. 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, www.arrl.org/catalog, [on Amazon.com](http://Amazon.com), or possibly Barnes & Noble booksellers.

Until June 30, 2014 the current Technician Class License question pool can be seen at <http://www.ncvec.org/page.php?id=349>. 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 website is free. To access the current 2010-2014 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 on the internet. Here are some of the ham radio practice exam sites:

- www.hamstudy.org
- www.aa9pw.com
- <http://kb0mga.net/exams>
- 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 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 901-628-4318. 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, 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; 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 901-628-4318. 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 10th Edition, ARRL product #5170, ISBN 978-0-87259-517-0. COMPLETED CLASSES

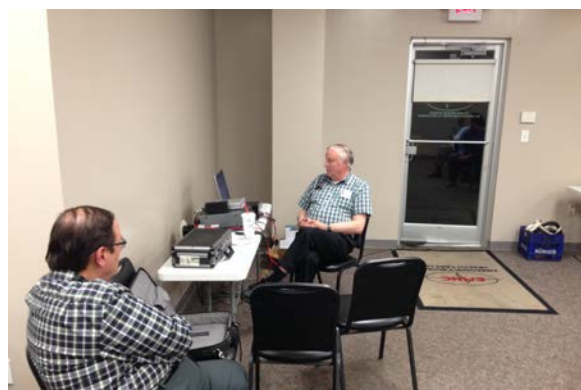
Tech Class 3-14 – March 10 – April 21, 2014

Tech Class 3-14 was held on 6 Monday nights from March 10th to April 21st 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 5th 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.



Tech Class 3-14 listening to Pat Lane W4OQG on WinLink during equipment demonstrations with Rick Pellicciotti KJ4NWQ observing.
Photo by Joe Lowenthal WA4OVO



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 D-Star. 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 22nd until April 12th 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 17th. 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 4th for 6 Saturdays from 9am-1pm through February 15th. 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 Spoerre 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 15th. Thanks to Bill Stevens WC9S, Ed Arndt KV4LF, Jeff Krause AJ4GY, Ken Laseter KI4AOH, Ray Turner AE0AE, David Webb KV4QI, and Joe Lowenthal WA4OVO.

HUNTSVILLE HAMFEST BUS TRIP

AUGUST 16, 2014

Submitted by: Joe Lowenthal WA4OVO

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 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.

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 west side 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 the CORE) between the gym and the baseball diamonds to the front.

PUBLIC SERVICE EVENTS COMING UP

MAY

Submitted by: Joe Lowenthal WA4OVO

Saturday May 31st Tour de Cure - 10mile/40mile/62mile/100mile bike rides

Sponsor: American Diabetes Association

Website: http://main.diabetes.org/site/TR/TourdeCure/TourAdmin?fr_id=9367&pg=entry

Ham Operator Times: 5:30am-3pm

Location: Mud Island to Shelby Forest/Tipton County and back

Requirements: Mobile radio

Contact: Denise Ganucheau KJ5DG

Email: kj5dg.denise@gmail.com

Home: 248-4806 Cell: 504-919-9635

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

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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2014 BOARD OF DIRECTORS

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Director of Meetings & Special Events:

Denise Ganucheau KJ5DG
901-248-4806
kj5dg@arrl.net

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

HAM FESTS OF INTEREST

DATE	HAM FEST	LOCATION	LINK
January 2014 24 th & 25 th	Capital City Hamfest	Jackson, MS	http://hamfest.msham.org/
March 2014 1 st & 2 nd 29 th	Birmingham Hamfest Union City Hamfest	Birmingham, AL Union City, TN	http://birminghamfest.org/ http://www.reelfootarc.com/
April 2014 12 th	Free Fest	Bartlett, TN	
May 2014 16 th Thru 18 th	Hamvention	Dayton, OH	http://www.hamvention.org/
August 2014 16 th & 17 th	Huntsville Hamfest	Huntsville, AL	http://www.hamfest.org/

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.

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

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	

MEMPHIS AREA HAM RADIO VHF/UHF NETS

Submitted by: Joe Lowenthal WA4OVO

As of 4/23/14

DAILY

7:30 PM 146.535 MHz Simplex	The Bullfrog Net
8:00 PM 146.820 MHz Repeater, -600kHz offset, 107.2 PL (CTCSS) tone (except 2nd Tuesday of each month for club meeting night)	Delta Club Information Net
8:00 PM 444.775 MHz Repeater, +5MHz, 107.2 PL (CTCSS) tone in midtown or 442.425 MHz Repeater, +5MHz, 131.8 PL (CTCSS) tone in Williston TN	West TN Weather Net

MONDAY thru FRIDAY

6:30-7:45 AM and 4:45-5:45 PM 224.780 MHz Repeater, -1.6MHz offset, no tone	No net, but drive time chatter
6:30-7:45 AM and 4:45-5:45 PM 443.200 MHz Repeater, +5MHz offset, 107.2 PL (CTCSS) tone	No net, but drive time chatter

SUNDAY

8:00 PM 50.160 MHz USB	Olive Branch ARC Weekly 6 Meter Net
8:30 PM (approx) 927.6125 MHz, -25MHz offset, 146.2 tone	MARA Super Niner Net (after the 8pm Delta Club net)
9:00 PM 147.375 MHz Repeater, +600Hz offset, 107.2 tone	Cross County ARC (Forrest City/ Wynne AR)

MONDAY

6:00 PM 147.090 MHz Repeater, +600Hz offset, 107.2 tone	Shelby County Office of Preparedness Emergency Reserve
7:30 PM 444.700 MHz Repeater, +5 MHz offset, 107.2 PL (CTCSS) tone	Olive Branch Amateur Radio Club
8:30 PM 224.780 MHz Repeater, -1.6MHz offset, no tone Alternate 224.420 MHz Repeater, -1.6MHz offset, no tone	Tri-State Repeater 220 Secret Service Net

8:30 PM 146.910 MHz Repeater, -600kHz offset,
107.2 PL (CTCSS) tone

Desoto County Emergency
Training and Information Net

9:00 PM 443.250 MHz Repeater, +5MHz offset, 107.2 PL (CTCSS)tone

MARA Elmer Net

TUESDAY

8:00 PM 146.470 simplex

Olive Branch ARC 2-Meter Simplex Net

8:30 PM 146.850 MHz Repeater, -600kHz offset, no tone

Tri-State Repeater Short-Winded Net

WEDNESDAY

12:00 Noon 146.82 MHz, -600kHz offset, 107.2 tone

ARES MedMERS Training Net

8:30 PM 443.200 MHz Repeater, 5 MHz offset, 107.2 tone;
alternate 145.410 MHz -600 offset, 107.2 tone

Collierville CERT Net

8:30 PM 53.01 MHz Repeater, -1MHz offset, no tone

Tri-State 6 Meter Tech and
Information Net

8:30 PM 147.375 MHz Repeater, +600Hz offset, 107.2 tone

Cross County Skywarn Net
(Forrest City/Wynne AR)

THURSDAY

7:00 PM 145.490 MHz Repeater, -600kHz offset, no tone

Tipton County ARES Net

8:00 PM 146.255 MHz Repeater, -600kHz offset, 79.7 tone

Olive Branch ARC 2-Meter Net

8:00 PM 443.9875 MHz Reflector 60B or DRATS

AMSAT D-STAR Net

9:00 PM 146.880 MHz Repeater, -600kHz offset, 107.2 PL (CTCSS) tone
Alternate: 146.850 MHz Repeater, -600 offset, no tone

Shelby County ARES Training Net

FRIDAY

8:30 PM 444.375 MHz -(ICOM D-Star radio or DRATS required)

Memphis Digital ARC (D-STAR) Net

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 Skywarn 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 check-ins 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 check-ins 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 check-ins 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 517-0492 or by email at KJ4LMH@arrl.net.
5. For training information contact Joe WA4OVO at 628-4318 or by email at WA4OVO@arrl.net.
6. Local area code is niner – 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



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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		
\$50.00			\$25.00			\$15.00			\$10.00		
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 _____ Birthday-Month ____ 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 _____