

DELTA AMATEUR RADIO CLUB

SPARKS

P.O. Box 750482 * Memphis, Tennessee 38175-0482 * Volume 17 * October 2011



**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: October 11, 2011 (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: HF Antennas and Airplanes
Presented by: David Campbell, KD4NOQ

VE TESTING: Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 PM and testing begins promptly at 6:00 PM. Please remember to bring two (2) forms of identification and copies of any existing licenses or CSCE's you might have. Please be on time for registration, as you will not be allowed to enter the testing session after 6:00 PM. This is to allow our volunteer VE team to finish in time to attend the club meeting. For more VE testing information, please contact:

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

PRESIDENT'S CORNER

By: Rosalinda Melena KI4ZKW

No article received.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of September 1, 2011	\$15,219.59
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Expenses

Hay Co.	Liability Insurance	\$200.00
Hay Co.	Equipment Insurance	\$139.00

Total Expense	\$339.00
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SubTotal **\$14,880.59**

Income

Membership Dues		\$60.00
Nov. Ticket Sales		\$60.00
Donated Equipment		\$1,084.00

Total Income	\$1,204.00
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Ending Balance	as of September 30, 2011	\$16,084.59
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Submitted by Rick Tillman WA4NVM

BOARD MEETING MINUTES

September 6, 2011 - Presented by: Bill Stevens WC9S, Secretary

The September board meeting was called to order by President Rosalinda Melena KI4ZKW.

- Treasurer Rick Tillman WA4NVM reported that the bus trip to Huntsville made a profit of \$570.00.
- The board agreed that the items donated by Pat Bomar KC4SJD will be put on sale along with items left over from other donations at the September meeting.
- The board also agreed to put to the members that we need to sell the 2 old 2 meter repeaters. If everyone agrees then we will take bids until the October 11th meeting at 7:30 pm.
- David Campbell KD4NOQ announced that the program will be on spectrum defense.
- After some discussion, the board agreed to change the main prize from a Kenwood TH-d7a HT to a Kenwood 710A mobile unit.
- Rick Tillman WA4NVM announced that the new club insurance is now in effect.
- Richard Martin K4DXF agreed to be the board representative on the nominating committee.

Meeting adjourned

GENERAL CLUB MEETING MINUTES

September 13, 2011 - Presented by: Bill Stevens WC9S, Secretary

The regular monthly meeting of DARC was called to order by President Rosalinda Melena KI4ZKW.

- President Rosalinda Melena KI4ZKW announced that if there were no objections, the old 2-meter repeaters will be sold to the highest bidder. The bidding will close at 7:30 pm during the October meeting.
- After announcements, visitor Dave Norris K5UZ reminded everyone to be sure to vote in the upcoming ARRL elections. He also asked for people to vote for him for Delta Division Director.
- Bill Covington KC4SXT made a motion, seconded by Ham Hilliard W4GMM to accept the minutes as published in Sparks. Motion Passed
- Bill Stevens WC9S read the treasurer's report for Rick Tillman WA4NVM who was absent. Motion to accept the treasurer's report as read by Ham Hilliard W4GMM, seconded by Danny Banks KJ4FXZ. Motion Passed
- Bill Stevens WC9S reported that one person passed technician at testing.
- Joe Lowenthal WA4OVO reported that the electronics class is going well and he will probably have a tech class in January.
- Richard Martin K4DXF announced that anyone that would like to run for an office please let him know.
- David Campbell presented the program on spectrum defense.
- Ham Hilliard W4GMM made a motion to adjourn, seconded by Ned Savage KA4BLL. Motion Passed

Meeting Adjourned.

REPEATERS FOR SALE - - BID NOW

Don't forget to bid, if you are interested. As most of you know, we replaced the 146.82 and 147.36 repeaters this past year. We will be taking bids on the old repeaters (less the duplexers). The deadline for bids will be during the break (1930) at the October meeting. Below is the listing from the insurance documents.

We assume all this is included in the mix.

146.820 REPEATER

Spectrum SCT 110 VHF Transmitter w/ba75 Amplifier
Spectrum SCR 200A VHF Transceiver and Housing
Spectrum SCR 200A VHF Receiver and Housing (Backup)
ACC RC-850 Repeater Controller
ACC Digital Voice Recorder
1200 Baud External Modem for RC-850
Comm. Specialist Tone Recorder/Decoder Board
ARR PVDG-144 2 meter pre-amp



147.360 REPEATER

Spectrum SCT110 VHF Transmitter w/ba75 Amplifier
Spectrum SCR 200A VHF Transceiver and Housing
S-COM 5K Repeater Controller
Comm. Specialist Tone Recorder/Decoder Board



If you would like to place an email bid on any of the repeaters, prior to the October meeting, please submit it to Rosalinda Melena at ki4zdq@gmail.com.

MS-150 BICYCLE RIDE

Submitted by: Joe Lowenthal WA4OVO, Director of Training

On the weekend of September 10-11, 2011 the Mid South Chapter of the National Multiple Sclerosis Society sponsored the 150-mile Memphis FedEx "Rock-N-Roll" bike ride which began at the Desoto Civic Center in Southaven, MS. The ride meandered through the Mississippi countryside to Harrah's Casino in Tunica, MS on the first day and returned to the DCC on the second day. Twenty-seven hams provided communications support for the ride. Thanks to all who helped make the ride such a success.



MS-150 Rest Stop at Williams and Spring was staffed by Ham Hillard W4GMM, Jim Sanders KE5RHM, and Nathan Turner KJ4GZB.



Pat Lane W4OQG and Denise Ganucheau KJ5DG at net control for the MS-150. Photo by Jim Sanders KE5RHM

Darrell Sheffield KK4D coordinated the ham activities. The other hams working the ride were Lisa Sheffield K4POM, Steve Smith KI4YOP, Rosalinda Melena KI4ZKW, Ken Laseter KI4AOH, Richard Smith KJ4UZK, Kathryn Smith KJ4UZL, Dennis Foster KJ4BDU, Larry McMillin WA4VXH, Richard Martin K4DXF, Tom Raggett KJ4LMH, Ham Hillard W4GMM, Denise Ganucheau KJ5DG, Pat Lane W4OQG, Bob Holdford KF4NDH, Roger Schlichter WR4R, Al Snyder KI4PGK, Nathan Turner KJ4GZB, Jonathan Smith KJ4UZG, David Campbell KD4NOQ, Bill Covington KC4SXT, Ned Savage KA4BLL, Jim Sanders KE5RHM, Tommie Rogers KE4NBD, James Gruggett KK4DMJ, Finnegan Gruggett KK4DMI, and Mike McLoughlin KK4DMP.

Fortunately, there were no serious issues this year during the two days. Thanks to the Chickasaw Amateur Radio Association for the use of the 146.91 repeater for both days, which made ham radio communications so easy. The hams are necessary since a number of areas along the ride do not have cell phone coverage.

CHICKASAW COUNCIL EXPO 2011

Submitted by: Hugh Wardlaw, WB4SLI

Bill Covington, KC4SXT and Hugh Wardlaw, WB4SLI setup an HF station at the 2011 Expo to demonstrate Amateur Radio to the Scouts and the adults attending this event at The Grove in Cordova. The Chickasaw Council said that 400 people were overnight camping at the event and that they expected another 400 who would spend the day at the event. Bill and Hugh were there for the day. They setup Hugh's rig and antenna for the event.

There were no trees nearby so that a wire antenna was impractical. Hugh provided his Maldol HVU-8 antenna with a telescopic pole and an MFJ tripod to support the antenna. The rig was a Yaesu FT-897D with an LDG AT-897 Antenna Tuner. Propagation conditions in the early hours were very good. While tuning across 15 meters the European stations were strong. They were able to log contacts in Germany, Russia, Spain, Antigua, and Belgium. This was via the gray line. There was an astronomy demonstration nearby where the sunspots could be viewed.

The event was an opportunity for Bill to explain about the emergency communications aspect of the hobby worked as well as the Skywarn program. Many inactive hams stopped by as well as some active hams and this opened the chance to talk about the V. E. program and the need for them to become active and participate in the nets to become familiar with the operation of their rigs.

The feedback from the participants was positive and the Chickasaw Council will probably ask the club to participate in the future.

JAMBOREE ON THE AIR (JOTA)

October 15 is the week-end of JOTA. There are people who asked for hams to assist with having a setup for them to use that Saturday. One participant was from Hernando, MS, while the other was from Marion, AR. If there is anyone who is willing to setup in a park setting and provide the youth and adults an opportunity to talk to other Scouts around the world, please let Hugh Wardlaw, WB4SLI know. He can be reached at wb4sli at arrl.net. If you know a Girl Scout or Boy Scout Troop that meets near you, please let them know about this event.

Hugh will be teaching Radio Merit Badge that week-end for a troop in Collierville. This is yet another way that you can introduce the hobby to the youth and get them on the air in one shot. Remember that the future of the hobby is in the hands of today's youth. We need to encourage and Elmer them so that the hobby will flourish.

AMATEUR PACKET UPDATE

Submitted By: James Butler KB4LJV

Many times we set up times for nets and to make contacts with other amateurs. In making contacts around the world we use the time of day that is best for the contact. A good wall clock is a nice accessory to have in the shack. R&L Electronics has started to sell wall clocks for the shack. Some clocks they sell are actually atomic clocks. These receive a time signal from our time standard transmitters (WWV or WWVH) and adjust themselves to make sure the time is very precise. These clocks have a ten inch face size or larger making them perfect for the shack. They can also adjust for daylight savings time when it goes into effect. They have several models starting at just \$14.95 . These are the LACROSS brand. Click on radio accessories on the home page and then on clocks to see what they offer. The website is <http://www.randl.com>

AMATEUR HARDWARE UPDATE

Submitted By: James Butler KB4LJV

Many more amateurs are starting to use the digital modes available to us. The list of communication modes using the computer just keeps growing. The reception of these modes use the same receive method. You tune in on a signal and the audio from the radio is sent to the computer to decode the mode into text or a picture you can use. The interface for this can be bought or homemade. One other simple way to play with the receiving of digital modes is to do it like the old acoustic modems did.

This does not even require a direct connection between the radio and the computer. You can buy a very cheap plug in microphone for the sound card of the computer for under \$2.00

off of eBay. I just run the digital software on the computer with the microphone plugged in and tune the radio. By placing the microphone by the radio it picks up the radio audio and decodes it. The audio interface



is great to install and run new decoder software on a new desktop computer or laptop and allows reception without having to buy an interface or build one.

ELECTION OF 2012 OFFICERS

Submitted by: Kenneth Laseter KI4AOH, Director of Publications

If you would like to be considered for one of the following offices on next month's ballot, please contact Richard Martin K4DXF at 901-372-3722 or k4dxf@att.net. Two prerequisites exist, you must be a member of Delta Amateur Radio Club (DARC) and you must have attended at least six (6) regular club meetings during the past year (counting backwards from November 2011).

DARC officers being elected: President, Vice-President, Secretary, Treasurer, Director of Training, Director of Publications, Director of Programs, and Director of Meetings & Special Events.

ARRL ELECTIONS

Submitted by: Kenneth Laseter KI4AOH, Director of Publications

DON'T FORGET TO VOTE! !

For those of you who are ARRL members, you should have received two ballots this month.

One ballot for election of our Delta Division Director. The candidates are David A. Norris K5UZ, and Mickey D. Cox K5MC.

The other ballot is for the election of our Delta Division Section Manager. The candidates are R. Lowell Bennington WD4DJW, Jack R. Green AD4LP, and Keith Miller, Sr. N9DGK.

To be valid, your ballot must be received at the ARRL accountant's office before November 18th, 2011. The candidate for each office who receives the majority of the votes will take office January 1, 2012.

ST. JUDE MARATHON

Submitted by: Roger Schlichter WR4R

Help the kids at St. Jude by providing communications for the marathon. The marathon is scheduled for the morning of December 3, 2011. You will be providing communications from the aid stations to net control passing on necessary information. This event is run downtown Memphis utilizing the 145.45 repeater. Most of the aid stations can be worked with an HT so there isn't a need for a lot of equipment to work this event. If you have the time contact Roger at WR4R@bellsouth.net and let him know.

2011 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 2011 from Delta Classes
29 Technician
15 General
6 Extra

CLASSES PLANNED

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

Technician Class

The next Technician class will probably start in January.

CLASSES IN PROGRESS

Basic Electronics Class 5-11 September 24-October 29, 2011

The Basic Electronics class began on September 24th for six Saturdays from 9am to 1pm until October 29th at the Memphis-Shelby County Health Department east complex at 1075 Mullins Station Road. Twelve students attended the first two sessions.

Dean Honadle N2LAZ introduced the class to his incredible style of math made easy with the use of the scientific calculator. Alan Proffitt AE5RX led the second week's class. Both have years of experience teaching electronics. Dean taught electronics in the Navy for 10 years and another 20 years at State Tech. He has a Masters degree in mathematics. Alan has a Masters and PhD in instrumental sciences and taught in the Engineering Department at the University of Memphis.

Basic Electronics Class 5-11 – September 24-October 29, 2011

This course is a bridge between the General Class license and the Extra Class license. The Basic Electronics class will be on six Saturdays from 9am to 1pm from September 24th until October 29th at the Memphis-Shelby County Health Department east complex at 1075 Mullins Station Road across from the Penal Farm.

The text to be used in the class is *The ARRL 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. The instructors are Dean Honadle N2LAZ and Alan Proffitt AE5RX. Both have years of experience teaching



Basic Electronics Class 5-11 left to right, 1st row-Tom Ernst N4LIA, Colby Ritter N3CMR, Paul Rosenblatt KK4DMD, Geoff Wilson KI4TLE, Ron Rubin N3RON, Rob Tisdell, Larry Reid KJ4WOR, 2nd row-Gene Adams KF4BVL, Bryan Daily, Christy Bradley KF5JXH, Tom Jerdon N2PAE, and Traegen Jerdon
Photo by Joe Lowenthal WA4OVO

electronics. Dean taught electronics in the Navy for 10 years and another 10 years at State Tech. He has a Masters degree in mathematics. Alan has a Masters and PhD in instrumental sciences and taught in the Engineering Department at the University of Memphis.

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

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

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

Practice tests are highly recommended. The www.qrz.com website is free. To access the sample tests, click on Main Menu to the right of the Search button on the QRZ Home Page. Scroll down and click on Practice Amateur Radio Exams. Click on Start Test to enter QRZ Practice Test Center. Click on Technician 35 Questions. Click on Wait For Correct. (This feature gives you the ability to answer again to get the correct answer if you miss the first time. On each answer it will either show Wrong Answer or Correct.) Click on Begin Test. Statistics are given at the top of the screen with the number of Completed questions, the Accuracy percentage, and the Overall percentage of questions completed on the test. Be sure to study multiple QRZ tests. The first test is only the first question from each of the 35 subgroups of the question pool. The second test is only the second question from each of the 35 subgroups, and so on. It is recommended to take at least 15 of the sample tests to be able to see all 396-question pool questions.

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@yahoo.com 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@yahoo.com with subject line "Basic Electronics Class" or call at 901-683-2701. You will be notified by email or phone when the class is set.

Extra Class

If you are interested in an Extra Class, please pre-register by going to the Delta Club web page www.deltaclub.org; click on Training Classes; then click on Extra Class to send an email with name, email address and contact phone, preferably cell number to Joe Lowenthal, WA4OVO, at wa4ovo@yahoo.com 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 4-11– July 11-August 15, 2011
Technician Class 3-10 Revisited
Technician Class 3-11 – April 17, 2011
Technician-General Class 2-11 – March 26, 2011
General Class 5-08 Revisited
Extra Class 1-10 Revisited
Technician Class 5-10 Revisited
Extra Class 1-11 - February 19, 2011
Boy Scout Radio Merit Badge – January 22, 2011

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

2011 BOARD OF DIRECTORS

President:

Rosalinda Melena – KI4ZKW
901-921-4474
ki4zkw@gmail.com

Vice-President:

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

Secretary:

Bill Stevens – WC9S
901-603-3448
wc9s@att.net

Treasurer:

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

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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:

Danny Banks – KJ4FXZ
901-861-3229
kj4fxz@arrl.net

PUBLIC SERVICE EVENTS

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			
16 th	Swamp Stompers	Danny– KJ4FXZ	kj4fxz@arrl.net
March			
4 th weekend	City Slickers Equestrian Event	Richard – NF5B	(No Contact Information)
April			
30 th	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
30 th	March for Babies (March of Dimes)	Bob – KF4NDH	kf4ndh@bellsouth.net
May			
22 nd	Memphis in May Triathlon	Ned - KA4BLL	ka4bll@arrl.net
September			
10 th & 11 th	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December			
3 rd	St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net
3 rd	Bartlett Christmas Parade	Dennis – KJ4BDU	dcvv3714@aol.com
TBA	Boy Scout Merit Badge University	Hugh – WB4SLI	hwardlaw@bellsouth.net
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+(107.2Hz)	9:00p	W
Collierville CERT Net	444.125+107.2	7:00p	W
Two meter single Sideband Net	144.260 USB	8:30p	Th
ARES Training Net	146.880-(107.2)	9:00p	2 nd & 4 th 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 Bill, WC9S at 603-3448. 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)

Savage
Tile
Company

Installers of
commercial & residential
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 ½" h <input type="checkbox"/>			HALF PAGE \$25.00 for 3 Months 7" w X 4" h <input type="checkbox"/>			¼ PAGE \$15.00 for 3 Months 3 ½" w X 4" h <input type="checkbox"/>			BUSINESS CARD \$10.00 for 3 Months 3 ½" w X 2" h <input type="checkbox"/>		
Oct. 2011	Nov. 2011	Dec. 2011	Jan. 2012	Feb. 2012	Mar. 2012	Apr. 2012	May 2012	Jun. 2012	Jul. 2012	Aug. 2012	Sept. 2012