

# Delta Amateur Radio Club

# SPARKS

*P.O. BOX 342768 MEMPHIS, TN 38134-2768 – Vol. 5 May 2010*



## W4BS REPEATER SYSTEM

146.820-(107.2) 147.360+(107.2)

224.420- 443.200+(107.2)

May 2010  
CLUB MEETING

DATE: May 11<sup>th</sup>, 2010

PLACE: Ellendale Church of Christ  
7365 HWY 70, Bartlett TN

Program: MFJ Factory Tour; Antenna Tuners and Analyzers.

VE TESTING: VE registration begins at 5:30pm with testing starting promptly at 6pm. A copy of your license and CSCE is required. For V. E. Information contact Tom Fox, KA4LWQ at 357-1663.

President's Corner

DELTA CLUB MEETING

DELTA CLUB BOARD MEETING

Treasury Report

<b>Beginning Balance</b>	<b>as of April 1, 2010</b>	<b>\$14,620.90</b>
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**Expenses**

AT&T	(phone line)	\$61.92
U of Memphis	(phone line)	\$22.94

<b>Total Expense</b>	<b>\$84.86</b>
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SubTotal **\$14,536.04**

**Income**

Deposit for Huntsville	\$180.00
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<b>Total Income</b>	<b>\$180.00</b>
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<b>Ending Balance</b>	<b>as of April 30, 2010</b>	<b>\$14,716.04</b>
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Submitted by Rick Tillman WA4NVM

Tennessee Nets

<b>Net Name</b>	<b>Freq. MHz</b>	<b>Local Time</b>	<b>Day</b>
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 Nets

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
YTBN 440 Net	443.200+(107.2)	7:00p	Th
Two meter single Sideband Net	144.260 USB	8:30p	Th
ARES Training Net	146.880-(107.2)	9:00p	2 <sup>nd</sup> & 4 <sup>th</sup> Th

The Delta Amateur Radio Club sends congratulations to the following who have received their Technician license callsign:

Daniel Crone	KJ4UHI	Tech
Bill Yarbrough	KJ4UHJ	Tech
Vincent Riley	KJ4UHK	Tech
William Duffel, Jr	KJ4UHL	Tech
Chase Barch	KJ4UHM	Tech

We are proud of you. We would like to invite you to come to the next Delta Amateur Radio Club meeting on the 2nd Tues of the month, May 11, 2010, so that we can all congratulate you personally.

Joe Lowenthal WA4OVO, VE

for

Tom Fox KA4LWQ, ARRL VE Liaison

## **NF5B/KC0HZU would like some antenna maintenance/repair assistance.**

Looking for a couple bodies and possibly a gin pole to help lift a mast out of a rotator, tighten connections on a 20 meter hex beam, other maintenance, then change out one rotator for another if necessary. Probably a good day's work and we will feed you, and even buy a beer or two when the job is done if you're so inclined. Catch me on 146.82 or at the meetings or jingle my phone. Hurricane season is coming soon and I'd sure like to be able to help out with antenna system fully operational for it this year. We also need to get a 40 meter resonant antenna operational somewhere.

73 de N5FB

## **MARS ARMED FORCES DAY CROSSBAND EXERCISE May 8, 2010**

This year the MARS Armed Forces Day crossband exercise will be Saturday, May 8, 2010. The Memphis MARS contingent will operate Saturday from the Mariana, AR Corps of Engineer Huxtable Pumping Station which is about 60 miles from the Mississippi River and I-40.

Setup will begin on Friday, May 7<sup>th</sup>. We will caravan from the Poplar Plaza Kroger gas station parking lot at 7am to the Mariana, AR Corps of Engineer Huxtable Pumping Station location where we will set up a 3-element beam on the roof with three long-wires off the sides. A forward position about a half mile down stream will also be setup so we can operate on the same bands without interference. Lunch of Firehouse sub sandwiches, chips and drinks will be provided. Usually, we leave about 3pm to get back to Memphis before 5.

Saturday, May 8<sup>th</sup>, we leave the Kroger gas station parking lot at 6am. Hopefully, we will be operating by 8am until sundown (about 8pm). Lunch and continued eating will be hotdogs and hamburgers. (No actual dinner.)

Both Friday and Saturday's lunches will be provided by Mid-South Amateur Radio Association (MARA).

Anyone is welcome to come. You do not need to be a MARS member, or even a licensed ham to help operate (under the supervision of a ham). You may want to bring some cold non-alcoholic drinks.

For more information, contact Ham Hilliard W4GMM at 462-5563.

Directions to Huxtable Pumping Station are as follows:

From the I-40 Mississippi River Bridge go west on I-40 to the Hughes Exit 265 (prox 20 miles) in Arkansas.

Turn left at exit ramp stop sign onto US 79.

Go prox 34 miles to AR Hwy 121 at the levee before Mariana.

Turn left onto Hwy 121.

Go prox ½ mile and veer to the left off levee continuing on Hwy 121.

Go prox 8 1/2 miles

Turn right onto gravel Lee County Road 513.

Go prox 1 mile. You're at the pumping station.

## **What the courtesy tone tells you**

When using the 146.82 repeater you've probably noted that the courtesy tone it emits when you unkey changes at times. Its default tone is three different pitches, on the usual musical scale we'd call them 3 5 and 8. This indicates that everything's quite normal in the world. But, depending on time of day or need these can change automatically, or be changed by control operators. Those of us who learned old school ham radio can interpret the other signals it gives us quite easily as learned the International Morse Code. For those who didn't learn code, however, they might be difficult to interpret. Since it's again the season of tornado watches and similar activities here's a quick key to deciphering them. Sky warn: IF all is functioning normally with the control hardware and software the courtesy tone can be switched to the letter W, i.e. dih-dah-dah or one short, two longs all using the same pitch, the same pitch used for the Morse ID in

fact. When you hear the one short two longs as a courtesy tone you can be assured that Sky warn net is in session, or soon will be.

Net: during the regular 8:00 P.M. net when all is operating correctly the repeater's courtesy beep changes to a single tone transmitting the letter n, i.e. dah-dit or one long one short. This tells you that a net is in session, or soon will be.

Daily drive time: During morning and afternoon drive times, the usual hours for commuters, the courtesy tone is a single tone transmitting the letter d, i.e. dah-dih-dit, one long, two shorts. This reminds users of the machine to "drag their feet" just a bit in case somebody needs to report an accident or summon emergency assistance. Some repeaters that change the courtesy tone to indicate drive times may also shorten the time out timer. I'm not sure if the 146.82 does, but it's a nice gentle reminder for those of us using the machine during drive time to hold up a minute in case a breaking station needs to get in.

I hope my quick key to deciphering our main repeater's courtesy tones helps you.

73 de nf5b

### **BUS TRIP to 2010 HUNTSVILLE HAMFEST AUGUST 21th**

DARC is sponsoring a 50-passenger bus to go to the Huntsville Hamfest on August 21, 2010. There is a graduated scale fare for the bus trip.

The fare is \$45 if paid by June 28, 2010. The fare is \$50 if paid by July 20, 2010. The fare is \$60 if paid after July 20<sup>th</sup>. However, if you pay the \$45 by June 28, 2010 and we exceed income over expenses, then you will receive a rebate depending on the excess amount. The rebate will be returned to you on the bus. There will be biscuit sandwiches, water, sodas, chips, and fruit on the bus going to Huntsville.

Cash or checks will be accepted for payment. Make checks payable to Delta Amateur Radio Club. You can pay at a meeting or Delta Club's Field Day on June 26-27<sup>th</sup>. 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 21<sup>th</sup>. A second pickup point will be at Germantown Baptist Church, 9450 Poplar Avenue at Johnson Road, Germantown, TN at approximately 6:40am. 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 by the northwest bus portico on the back side of the church. If there is inclement weather, the bus will pull in under the portico

## AMATEUR HARDWARE UPDATE .....

Many times we buy used amateur equipment. Older QRP rigs along with newer rigs commonly use a barrel type power connector. This is because they were common and QRP rigs do not need a connector that can handle a large current like the big rigs. These come in a couple of different versions The 2.1 mm and the 2.5 mm sizes. A lot of other electronic equipment also uses this type of connector. I noticed that the plug in wall wart transformers use the types of connectors. This means when the electronics gets thrown away we can cut off these barrel connectors and reuse them by making power supply cables for our radios. These connectors typically have wire connections already made with molded connectors. We can just cut the wire at the transformer and have a connector with about 2 to 3 feet of wire ready to hook up to our power supply. Get a fused cigarette light power plug and we can use our surplus barrel connector and wire to make a mobile power supply cable. All of the QRP kits I build I use the barrel type connectors. I bought the older Drake tr22 2 meter radio and it uses a barrel connector for 12 volt power input on the back. I used one of my extra connectors to make a power supply cable for it. With so many older wall warts I just cut the cables off and keep them handy for homemade power cables when needed.



James Butler  
KB4LJV

## PACKET UPDATE .....

Many times we try different antenna on the amateur bands. Different designs work differently depending on location and how much room you have to put it up. Designs get popular for a while and then fall off in use as newer designs are introduced. One design that is now being built by several manufacturers is the 43 foot vertical. This is a 43 foot tall ground mounted pole that used for 160 to 5 meters. This length is selected so that with a required antenna tuner it can work the different bands. One advantage of the antenna is its long length. It has to be heavy duty though to make sure it can handle high winds. MFJ Enterprises now makes a version of this type of antenna. It weighs about 20 pounds and goes up in about an hour. The main advantage is it can go up where you do not have room for other designs that take up more space. If you have a tuner and you are looking for a space saving antenna to work all bands check out this design.

James Butler  
KB4LJV

## 2010 Public Service Events

If you have any events you would like to add, please e-mail them to [aj4gy@arrl.net](mailto:aj4gy@arrl.net)

I am looking for volunteers to help with the March for Babies Walk on April 24, 2010. Sign up at the Delta Club meeting or e-mail me at [KF4NDH@bellsouth.net](mailto:KF4NDH@bellsouth.net).

Bob Holdford kf4ndh

<b>Date</b>	<b>Event</b>	<b>Coordinator</b>
April 24 <sup>th</sup>	March for Babies AKA March of Dimes Walk	Bob KF4NDH
<b>May</b> 23 <sup>rd</sup>	Memphis in May Triathlon	Ned KA4BLL
<b>June</b> 6 <sup>th</sup>	Navy Race	KJ5DG Denise
<b>September</b> 11th & 12 <sup>th</sup>	MS 150 Bike Ride	Darrell KK4D
<b>October</b> 2nd (1st Saturday)	Juvenile Diabetes Research Foundation Walk	Kathleen KC0HZU
<b>December</b> 4th	St. Jude Marathon	Roger KI4AJH
TBA	Bartlett Christmas Parade	Dennis KJ4BDU
TBA	Boy Scout Merit Badge	Hugh WB4SLI

**HAM LICENSE TRAINING for 2010**  
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 2010 from Delta Classes*

48 Technician  
5 General  
3 Extra

### **SCHEDULED CLASSES**

#### ***Technician Class 5-10 – July 1–August 16, 2010***

Technician Class 5-10 will be held from July 12<sup>th</sup> to August 16<sup>th</sup> on 6 Monday nights from 6:15-9:30pm at the Memphis-Shelby County Health Department East Campus across from the Penal Farm. **Caution:** The Technician question pool changes July 1, 2010. Be sure to purchase the correct license manual, *The ARRL Ham Radio License Manual, Second Edition*-product #0830.

Advanced registration is required with email to Joe Lowenthal at [wa4ovo@yahoo.com](mailto:wa4ovo@yahoo.com), or call 901-683-2701 with name, email address, and contact phone number, preferably a cell phone number. See Future Classes below for more information.

#### ***Basic Electronics***

A Basics Electronics class is under review for start in late September.

### **CLASSES IN PROGRESS**

None

### **FUTURE CLASSES**

#### **TECHNICIAN CLASS**

If you are interested in the first amateur license class, Technician, please let us know of by sending an email to [wa4ovo@yahoo.com](mailto: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](http://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.

There is no charge for the class, but registration is required. Advanced study of *The ARRL Ham Radio License Manual, 2<sup>nd</sup> Edition, product #0830* (red manual with 2 pictures on front cover verses 3 pictures on older version) is strongly suggested as well as study of the 396 question and answer Technical Class License question pool. Barnes & Noble Booksellers may have this 2<sup>nd</sup> Edition manual. You can purchase it online from [www.arrl.org/catalog](http://www.arrl.org/catalog) or on [Amazon.com](http://Amazon.com). The list price is \$24.95.



The new 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 the new question pool starts July 1, 2010.

Practice tests are highly recommended. The [www.grz.com](http://www.grz.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 392-question pool questions.

Another very good site is [www.hamtestonline.com](http://www.hamtestonline.com). It costs \$74.95, but it is good for 2 years for the Technician, General and Extra Class tests. There are a number of other free sample-test sites. Just Google *ham radio practice exams*.

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](mailto:wa4ovo@yahoo.com) 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 901-683-2701. The textbook is *The ARRL General Class License Manual*. 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*. The suggested calculator is the Casio fx-260 solar calculator, which can be purchased at Walmart for under \$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](mailto: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](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@yahoo.com](mailto: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 for 6 or 7 weeks in January and February.

### COMPLETED CLASSES IN 2010

## **Technician Class 4-10 – March 20-21, 2010**

Tech Class 4-10 was held on Saturday and Sunday, March 20-21 at the Shelby County Sheriff's Training Center in cooperation with Delta Company, 51<sup>st</sup> Forward Support Battalion of the Tennessee State Guard. Danny Banks KJ4FXZ arranged the class to give the non-paid volunteer members of the Tennessee Guard another communications tool.

Congratulations go to the 21 students for earning their Technician license. Congratulations again to Paul Kossik for also earning his General license.

Pictured below is Tech Class 4-10 Left to right-1<sup>st</sup> table Mike Tarkington KJ4THN, Charlie Smith KJ4THK, Jim Covington KJ4THV; 2<sup>nd</sup> table Doris Banks KJ4THA, Jane Gaschen KJ4THE, Larry Gashen KJ4THD, Sam Huggins KJ4THQ, Paul Kossik KJ4THU; 3<sup>rd</sup> table Phil Hagood KJ4THG, Kerry Beers KJ4THO, Drew Perkins KJ4THF(hidden), Lane Edmondson KJ4THT, James Coop KJ4THS, Neil Solomon KJ4THP; 4<sup>th</sup> table Tommy Porter KJ4THI, Danny Banks KJ4FXZ, Kimberlee Norwood KJ4THC, Robert Pepper KJ4THM; 5<sup>th</sup> table Jim Wilson KJ4THB; Not pictured Joseph Ruff KJ4THL, Larry Anthony KJ4THH, and Richard Threlkeld KJ4THJ



Photo: Tech Class 4-10 students filling out Form 605 before the Technician exam

Thanks to the WCARS VE Team of Win Guin W2GLJ, Bill Stevens KI4TQA, David Gilbert AJ4LV, Jeff Krause AJ4GY, and Joe Lowenthal WA4OVO for being the VEs for the exam session.

## **Technician Class 3-10 – February 15 –March 15, 2010**

Twenty-one students attended the first session for Technician Class 3-10, which was held on 5 Monday nights at the Memphis-Shelby County Health Department East Campus. Sixteen completed the course with all earning their Technician licenses.

Congratulations to Scott Agent KJ4TCL, Lisa Alex KJ4TCX, Danny Bishop KJ4TCH, Justin Bryan KJ4TCD, Scott Chapman KJ4SJR, Joe Ibarra KJ4TCJ, Brian Jenkins KJ4TCI, John Moriarty KJ4TCG, Howard Nelson KJ4TCC, Bruce Oliasani KJ4TCK, Calvin Oliphant KJ4SJS, Zach Pennington KJ4TCM, Stan Peppenhorst KJ4TDA, James Sterling KJ4TCE, Ray Turner KJ4TCY, and Karen Wilson KJ4TCF. Additional congratulations go to Danny Bishop, Scott Chapman, Calvin Oliphant, and Ray Turner who have also upgraded to General.



Photo: Win Guin W2GLJ giving exam instructions to Tech Class 3-10.

Thanks to the WCARS VE Team of Win Guin W2GLJ, Bill Stevens KI4TQA, Rick Tillman WA4NVM, and Joe Lowenthal WA4OVO for providing the FCC test session.

### ***Extra Class 1-10 – January 16 – February 27, 2010***

Five students completed the 6 weeks for Extra Class 1-10 on Saturday mornings from 9am-1pm at the Memphis-Shelby County Health Department East Campus. The instructors were Tom Fox KA4LWQ, Joe Lowenthal WA4OVO, Dean Honadle N2LAZ, and Pat Lane W4OQG. The text used was *The ARRL Extra Class License Manual*.



Photo: Pat Lane W4OQG (lower right) giving the Antenna and Feedline presentation for the Extra Class 1-10. Students pictured from left to right: Mac Tidwell KJ4EHE, Jay Tomasello KJ4RCR, Danny Banks KJ4FXZ, (Ken Lasester KI4AOH on camera), and Jim Walton K4ZFQ.

Congratulations to Sonny Mounicou KF5CLC and Jim Walton K4ZZFQ for upgrading to Extra on February 27<sup>th</sup>. Jay Tomasello KJ4RCR upgraded on March 9<sup>th</sup>. Due to conflicts the other two students said they would test later at the Delta Club test sessions. The ARRL VEs were Tom Fox KA4LWQ, Bill Stevens KI4TQA, Jeff Krause AJ4GY, and Joe Lowenthal WA4OVO.

### ***Technician Class 2-10 – February 3-4, 2010***

Technician Class 2-10 was held for two days at Memphis International Airport for 11 students from the Transportation Security Agency (TSA). The students earned their Technician license so they can operate the TSA Memphis MARS agency station. An additional congratulation goes to Ray Phetteplace who also earned his General license. Thanks to Tom Fox KA4LWQ, Bill Stevens KI4TQA, Rick Tillman WA4NVM, and Joe Lowenthal for being the ARRL VE testing team.



Tech Class 2-10 Photo left to right: 1<sup>st</sup> row Tracy Farrah, Mac McKee, Ray Phetteplace, DARC Director of Training Joe Lowenthal WA4OVO; 2<sup>nd</sup> row-Carl Gentry, Amy Leroux; 3<sup>rd</sup> row-Mark Cole, Debra Laudermilk, 4<sup>th</sup> row-David Boston, Gerald Adcock, Cleo Peete; Not shown-George Czech.

### **COMPLETED CLASSES IN 2009**

The Delta Amateur Radio Club had a wonderful year in 2009 with 83 students receiving licenses or upgrades in the five license classes held. Eight of the 46 Technicians were young hams who can keep our great hobby going for many years to come. One of those young hams also earned his General license. Thanks go to all of the volunteers that helped to make 2009 a great year. A special thanks goes to Bill Stevens KI4TQA, Rick Tillman WA4NVM, David Gilbert AJ4LV, Pat Lane W4OQG, Dean Honadle N2LAZ, Tom Fox KA4LWQ, Win Guin W2GLJ, and Dennis Foster KJ4BDU for their help with the classes.

## Delta Club 146.82 Net Preamble

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 may require 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 with testing starting promptly at 6:00. A copy of your license and CSCE is required. For V. E. Information contact Tom, KA4LWQ at 357-1663. For membership information contact Steve KI4YOP at 493-8663. 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

## February 2010 Important Dates

MARS CROSSBAND – Saturday the 8<sup>th</sup>  
Delta Club Meeting – Tuesday, the 11<sup>th</sup>  
MARA Club meeting – Thursday, the 20<sup>st</sup>  
ARES Meeting – Tuesday, the 27<sup>th</sup>  
June:  
Field Day – Saturday, the 25<sup>th</sup> & Sunday  
the 27<sup>th</sup>

## Area Hamfests

7-24-2010  
Cullman Amateur Radio Club  
<http://www.qsl.net/cullmanarc>  
Cullam, AL

## Delta Amateur Radio Club's 2010 Board Members

President:

Alan Anderson – KJ4BIX  
[kj4bix@arrl.net](mailto:kj4bix@arrl.net)

Vice President

Rosalinda Melena – KI4ZKW  
[ki4zkw@gmail.com](mailto:ki4zkw@gmail.com)

Secretary

Steve Smith – KI4YOP  
[ki4yop@gmail.com](mailto:ki4yop@gmail.com)

Treasurer

Rick Tillman – WA4NVM  
[wa4nvm@comcast.net](mailto:wa4nvm@comcast.net)

Director of Training

Joe Lowenthal – WA4OVO  
[wa4ovo@yahoo.com](mailto:wa4ovo@yahoo.com)

Director of Publications

Jeff Krause – AJ4GY  
[aj4gy@arrl.net](mailto:aj4gy@arrl.net)

Director of Programs

David Campbell  
[kd4noq@arrl.net](mailto:kd4noq@arrl.net)

Director of Meetings and Special Events

Wayne Monte

[wjmonte@comcast.net](mailto:wjmonte@comcast.net)

W4BS Repeater Trustee

Darrell Sheffield – KK4D

[Darrell.Sheffield@memphistn.gov](mailto:Darrell.Sheffield@memphistn.gov)