DELTA AMATEUR RADIO CLUB

SPARKS

P.O. Box 750482

Memphis, Tennessee 38175-0482

Volume 18

September 2012



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.} 224.420 443.200

NEXT CLUB MEETING

DATE: September 11, 2012 (2nd Tuesday of each month)
PLACE: Ellendale Church Of Christ, 7365 Highway 70

Memphis, TN (1½ miles north of Hwy. 64 – Stage Road)

TIME: 7:00 PM

PROGRAM: "Chokes and Baluns"

Presented By: Gary Weatherford

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

ELECTION OF NEW OFFICERS

By: Kenneth Laseter KI4AOH

If any member would like to serve as an officer of the Delta Amateur Radio Club, please let Thomas Raggett kj4lmh@arrl.net know. I believe there are two basic requirements 1) must be a club member, and 2) must have attended at least six (6) club meetings during calendar 2012. Also, if you know someone you think would make a good officer, submit their name and one of the Directors will contact them. Please do this promptly so we can publish a list of cardidates in the October SPARKS. Our election of new officers will be held at the club meeting in November.

PRESIDENT'S CORNER

By: Rosalinda MelenaWN2V

Happy (and HOT) September to all -

September 2012 is shaping up to be a very busy month with several community and ham events taking place.

September 8-9 is the annual MS Bike Ride event. Past DARC President and current member, Darrell Sheffield, KK4D, coordinates this event. This is a two-day radio event. Many DARC members volunteer time and vehicles to support this event. A big thank you goes out to Darrell and all the volunteers. My "OM" (KI4YOP) and I are taking a break from our tower project to work this event.

September 8-9 is the NE5BO VHF Contest Group's annual Mt. Nebo weekend. From all accounts, the group has a great time eating, eating and in between eating, they have fun making a few radio contacts. Well, there's nothing wrong with having a little fun. So, I wish the group clear skies and good propagation!

September is National Preparedness Month. As ham radio operators, being prepared is nothing new to us. That said it never hurts to refresh and re-visit radio skills and personal preparednessplans. Take a few minutes to visit "www.Ready.gov" and pass along the web-link to friends. Remember, we're still in hurricane season and bad weather may be just around the corner.

Lastly, let us take a moment to remember September 11th. Memories of disbelief and suffering are mixed with memories of great heroism. As a nation, we came together to face a challenge ... a challenge to help those in need, to comfort those in pain and the challenge to rebuild and go on. Through the pain and shock, this nation gathered it's strength and rose to the task as only America can ... with courage and compassion. Please join me in honoring the memory of those lost with a moment of silence and a prayer for those still suffering.

"Let every nation know, whether it wishes us well or ill, that we shall pay any price, bear any burden, meet any hardship, support any friend, oppose any foe to assure the survival and the success of liberty." - John Fitzgerald Kennedy, 1961

As always, take care and be safe. 73! Rosalinda Melena / WN2V DARC President 2011 and 2012

CONGRATSULATIONS ON EAGLE SCOUT AWARD

Submitted by: Joe Lowenthal WA4OVO, Director of Training

Dale Gilbert KK4GQK, son of Debbie and David Gilbert AJ4LV, received the prestigious Boy Scouts of America Eagle Scout award on August 26th. He is a member of Troop 65 at First Baptist Church in Collierville. Dale's Eagle Project required that he manage the clearing of privet in an area along the Wolf River just to the east of Lowe's to be used as an outdoor classroom by the Wolf River Conservancy.



The ARRL Herb S. Brier Instructor of the Year Award

At the Huntsville Hamfest this year, David Norris K5UZ, Delta Division Director publically recognized and congratulated Joe Lowenthal WA4OVO on winning the 2012 ARRL Herb S. Brier Instructor of the Year Award



UPCOMMING EVENT

Due to weather the Tour de Collierville bike ride has been rescheduled for Saturday, September 29th. Please mark your calendars. The ride starts at 7:00 am from W.C. Johnson Park. If you would like to volunteer to help with communications please contact John Wood at wv5j@netscape.net.

TREASURER'S REPORT

Submitted By: Rick Tillman WA4NVM

Beginning Balance	as of August 1, 2012		\$9,795.91
	Expenses		
David Gilbert	Meeting Refreshments		\$32.31
Hay Co.	ARRL Equip. Insur.		\$143.00
Top Notch Travel	Huntsville Bus		\$1,600.00
Joe Lowenthal	Food & Tip Bus Trip		\$312.19
Huntsville Hamfest	46 Entry Tickets		\$322.00
Tire-Boy	Used Tire - Trailer		\$29.00
·		Total Expense	\$2,438.50
		SubTotal	\$7,357.41
	Income		
Membership Dues	Year 2012		\$197.50
Huntsville Bus Ticket	PreSale		\$275.00
Donation			\$15.00
Tickets	November Drawing		\$40.00
Club Patch			\$10.00
Donated Gear	Repeater Sales		\$500.00
_		Total Income	\$1,037.50
Ending Balance	as of August 31, 2012		\$8,394.91

Submitted by Rick Tillman WA4NVM

BOARD MEETING MINUTES

August 7, 2012 - Presented by: Tom Raggett KJ4LMH Secretary

Present: David Gilbert, Joe Lowenthal, Bill Stevens, Richard Martin, RickTillman, Tom Raggett.

- 1. Discussion about new officers and board members. Need names for election.
- 2. Bus trip to Huntsville Hamfest has 43 paid.
- 3. Darryl Sheffield will be at the general meeting to discuss and ask for volunteers for the MS 150 bike ride.
- 4. Tom Raggett will email Rosalinda names of new members.

- 5. Rick Tillman presented Treasurer's Report. It was approved by the Board for presentation to the general meeting.
- 6. Joe Lowenthal made motion to put new tire on antenna trailer and move to Lance Morris. Tom Raggett seconded. Approved.
- 7. Joe Lowenthal asked about doing a presentation to Camp Aviation(a program for kids). General discussion followed and Board decided not to get involved. The Board did say that it could be presented at the general meeting for determination of involvement by the club.
- 8. Pat Lane will give presentation on WINLINK at the next meeting.
- 9. Meeting adjourned

GENERAL CLUB MEETING MINUTES

August 14, 2012 - Presented by: Tom Raggett KJ4LMH

- 1. President Rosalinda Melena called meeting to order and introductions proceeded. Large turnout for the meeting.
- 2. It was requested that everyone sign in so the sign-in sheet can be updated with the latest information.
- 3. Ken Laseter was recognized for the great job he is doing with SPARKS. It was the desire of the club that he continue for another year.
- 4. There was estate sale material still for sale.
- 5. The minutes were approved as published in SPARKS. Bill Covington made the motion to approve and Ham Hilliard seconded.
- 6. Rick Tillman presented Treasurer's Report. Ham Hilliard made motion to accept, Frank Griffin seconded. Approved.
- 7. In testing, there were 3 new Techs and 1 new General.
- 8. There are no classes scheduled for now, but General class in the fall.
- 9. At meeting time, there were 46 signed up for the Huntsville Bus Trip.
- 10. A request for assistance with the Aviation Camp for kids was made. The club decided to assist with one of the presentations.
- 11. Pat Lane gave presentation on WINLINK(email when internet is down).
- 12. Motion made to adjourn and approved.

AMATEUR PACKET UPDATE

By: James Butler - KB4LJV

Many times we look for new radios that have come out for amateur radio. The Chinese have come out with a new HT we can use for emergencies and packet work. These are very inexpensive and work great. The company is called Baofeng UV-3R and they make a dual band HT with extended receive for under \$50.00. I have seen these little guys for as low as \$32.00 on EBAY. You can get then in Black, Blue, Yellow, Red, Or Camo. The units is a 2 meter 440 HT with 2 watts output. They give you the radio with rechargeable battery and a wall charger with desktop holder/charger. The unit works well and has 100 memories with extended receive. Do a search on EBAY to get best prices and GOOGLE to get more information on this nice radio.

AMATEUR HARDWARE UPDATE

By: James Butler - KB4LJV

Many times while in the house we useour HTs for monitoring the repeaters. They usually are set on the end table close at hand. Unfortunately, they get knocked over easily. One way to prevent this is to have a drop-in base for the radio. Some HTs have an optional drop-in base for charging that also works as a stand, but others do not. While at hamfests you can look for any of the old Motorola HT bases they have for sale. These obsolete bases sell for cheap prices. Since our newer rigs are smaller, they will easily fit in the holes but will wobble. Buy gluing foam strips in the hole we



can size one to make a custom stand for our radios. They make a nice stand for the new rigs at a good price and let us reuse the old drop-in chargers.

2012 TRAINING CLASSES

Submitted by: Joe Lowenthal WA4OVO, Director of Training

There is no charge for classes, but the student is responsible for the purchase of the license manual and the \$15 ARRL FCC examination fee.

Licenses Earned in 2012 from Delta Classes
49 Technician
10 General
6 Extra

CLASSES PLANNED

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

Tech Class 5-12 will be held on six Monday nights from November 5th to December 10th at Lord of Life Lutheran Church, 6865 Poplar Pike, one long block east of Kirby Parkway. The FCC exam will be offered on the fifth night of class. The sixth night will be Repeater Basics and Woxun radio programming.

Delta Amateur Radio Club

The instructor for this class is Joe Lowenthal WA4OVO, who was recently honored as the 2012 Herb S. Brier Instructor of the Year by the ARRL (American Radio Relay League).

If you are interested, send an email to Joe Lowenthal at <u>wa4ovo@arrl.net</u> with your name, email address, and phone number, preferably cell with subject line: Tech Class 512.

If you are interested in any of the classes, send an email to Joe Lowenthal at<u>wa4ovo@arrl.net</u> with your name, email address, and phone number, preferably cell with subject line of the class you are interested in.

CLASSES IN PROGRESS

None

CLASS INFORMATION

Technician Class

If you are interested in the first amateur license class, Technician, please let us know by sending an email to wa4ovo@arrl.net with subject line "Technician Class" and give name, email address, and a contact phone number (preferably a cell number). Or you can go to the Delta Club webpagewww.deltaclub.org click on Training Classes; then click on Technician Class to send an email, or call at 904683-2701. We usually publish class schedules a month or two in advance. You will be notified by email ophone 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 question pool started July 1, 2010.

Practice tests are highly recommended. The www.qrz.com website is free. To access the sample tests, go to www.qrz.com. From the QRZ home page click on RESOURCES in the blue band on the top right. Then click on 2010 Technician Exam Practice Test. When you start answering the questions, it will show you if you answered correctly or not with CORRECT! or SORRY BUT THAT ANSWER IS NOT CORRECT. Statistics are kept below the test question at This Quiz with the number of questions answered correctly and the percentage correct. Also shown is the number of questions answered correctly from the 396 questions of the question pool. It keeps track of your correct answers on subsequent tests. Below the This Quiz line is Questions in This Test, that is a list of the 35 question numbers of the current test. If answered correctly, the question number radio button turns green. If answered incorrectly, it turns red.

There are a number of other free sample-test sites. The following are some other ham radio practice exam sites:

- o www.aa9pw.com
- o http://kb0mga.net/exams
- o http://copaseticflow.blogspot.com/2010/06/technician-class-practice-test-gadget.html
- o www.grz.com

o 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, pease let us know by sending an email to <u>wa4ovo@arrl.net</u> with subject line "General Class." Or you can go to the Delta Club web page <u>www.deltaclub.org</u>; 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 TechnicianGeneral 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 electronicslearning 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 SeptemberNovember time frame.

If you are interested in the Basic Electronics Class, please let us know by ending an email with name, email address and contact phone, preferably cell number towa4ovo@arrl.net with subject line "Basic Electronics Class" or call at 901-683-2701. You will be notified by email or phone when the class is set.

Extra Class

If you are interested in an Extra Class, please pre-register by going to the Delta Club web page www.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, atwa4ovo@arrl.net or call at 901-683-2701. You will be notified by email or phone when the class is set. Classes have been held on Saturdays for 6 or 7 weeks in January and February.

COMPLETED CLASSES

Technician Class 4-12 – July 2-August 6, 2012 General Class 3-12 – March 26 – May 7th, 2012 Technician Class 2-12 – January 21st & February 4th, 2012 Extra Class 1-12 – January 14 – February 25, 2012 Tech Class 2-12 Revisited Troop 457 Merit Badge College – February 11, 2012 Troop 225 Merit Badge Class – February 11, 2012

HUNTSVILLE HAMFEST BUS TRIP August 18, 2012

Submitted by: Joe Lowenthal WA4OVO, Director of Training



Huntsville Hamfest Bus Trip 2012 Photo:

1st row-Donna Webb KK4KUR, Richard Shaw KF50IM, Dick Shaw NF4H, Joe Clark W5SQ, Jim Walton K4ZFQ, Charlie Jester KK4BTV, Michael Knight KK4IOH, Tammie Love KK4KSP, Barri Munday KK4KUI, Damon Runion WA4HFN, Rosalinda Melina WN2V, Gary Weatherford W5EMA, Phillip Fentress KK4KDM, Don Gilmore AJ4AA, Larry McMullin WA4VXH:

2nd row-Dominic Andrae (no call yet), Phil Fentress AK4UE, Aaron DeShazo KF5CXN, Wade Wingfield KB5SSG, David Campbell KD4NOQ, Dwayne Love N5XUL, Paul Thorne KC4VSM, Ron Rubin K3RON, Janet Souza (no call), Harry LaVoice KK4GQN, Jim Sanders KE5RHM, Robert Gallarno AK4BD, Steve Smith KI4YOP, Joe Lowenthal WA4OVO, Danny Malone AA4DM, Ham Hilliard W4GMM, TJ Shouse KE4BNT, William Dohogne KC4QT, Ned Savage KA4BLL, John Gallarno AJ4AT, Travis Roach K4VVM, Ray Cole N5RLC;

Not shown-Ray Turner N0ELE, Lisa Alex N0AMO, Tom Ernst N4LIA, Denise Ganucheau KJ5DG, Paul Rosenblatt KK4DMD, Mike Albonetti KD4IHT, Joan Thorne KN4PM, Hal Kravig W4OZL, Carrie Webb KK4KUQ,

DON'T MISS THIS Great Article About Local Ham Hero's

I received several emails with this link attached.Don't miss this Commercial Appeal article about our local hams, written by Julie Ray who visited with uslast field day. Check out this article and see if you are mentioned or if your picture is in it.

http://www.commercialappeal.com/news/2012/aug/15/amateur-radio-advances-the-art-of-the-airwaves/

SPARKS NEWSLETTER & DELTA CLUB INFORMATION

SPARKS is published monthly by the Delta Amateur Radio Club and an action club members. All information published in this newsletter is provided as a service. While every reasonable effort has been made to ensure accuracy, the Delta Amateur Radio Club nor its officers assume any liability resulting from errors or omissions. All correspondence may be mailed to:

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

2012 BOARD OF DIRECTORS

President: Vice-President: Secretary:

Rosalinda Melena – WN2V Richard Martin – K4DXF Tom Raggett – KJ4LMH

901-921-4474 901-372-3722 901-517-0492 wntwov@gmail.com k4dxf@att.net KJ4LMH@arrl.net

Treasurer: Director of Training: Director of Publications:

Rick Tillman– WA4NVM Joe Lowenthal – WA4OVO Kenneth Laseter – KI4AOH

901-268-7047 901-683-2701 901-853-0400

wa4nvm@comcast.net wa4ovo@yahoo.com kmlaseter@laseterinc.com

Director of Programs: Director of Meetings & Special Events:

David Campbell – KD4NOQ David Gilbert – AJ4LV 901-388-6166 aj4lv@hotmail.com kd4noq@arrl.net

PUBLIC SERVICE EVENTS --- 2012

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 2012 15 th	Swamp Stompers.	Danny– KJ4FXZ	kj4fxz@arrl.net
February 201 9 th	Boy Scout Merit Badge University.	Ken – KI4AOH	kmlaseter@laseterinc.com
March 2012 None			
April 2012 28 th	March for Babies (March of Dimes).	Linda – KJ4CTX	llaseter@laseterinc.com
28^{th}	Tour de Cure	Denise – KJ5DG	kj5dg.denise@gmail.com
May 2012 19 nd	Memphis in May Triathlon	Ned - KA4BLL	ka4bll@arrl.net
September 20 8 th & 9 th	MS 150 Bike Ride	Darrell - KK4D	kk4d@xipline.com
December 20 1 st	12 St. Jude Marathon	Roger – WR4R	wr4r@bellsouth.net
1 st	Bartlett Christmas Parade	Dennis – KJ4BDU	dcvv3714@aol.com
ТВА	Juvenile Diabetes Research Foundation Walk	Kathleen - KC0HZU	(No Contact Information)

MEMPHIS AREA VHF/UHF NETS

Net Name	Freq. MHz	Local Time	Day
Mid-South Barefooted Bullfrog net	146.535	7:30p	Daily
Delta Club Traffic and Information Net	146.820 - (107.2)	8:00p	Daily
Secret Service Net	224.780 -	8:30p	M
Elmer Net	147.030 + (107.2)	9:00p	M
The Short Winded Net	146.850 -	8:30p	Tu
MedMERS Net	146.730 - (107.2)	12:00p	W
Six Meter Tech Net	53.01 -	8:30p	W
The 440 Net	443.200 + (107.2)	9:00p	W
Collierville CERT Net	444.125 + (107.2)	7:00p	W
TAC 2 Net	224.420 -	8:30p	Th
ARES Training Net	146.880 - (107.2)	9:00p	Th

TENNESSEE HF NETS

Net Name	Freq. MHz	Local Time	Day
Tennessee CW Net	3.563	7:00p	Daily
Tennessee Slow CW Net	3.682	7:30p	T-Su
Tennessee Early Morn Phone Net	3.980	5:40a	M-F
Tennessee Morning Phone Net	3.980	6:45a	M-F
Tennessee Evening Phone Net	3.980	6:30p	T-Su
CUSEC (Center for United States Earthquake Consortium)	3.810	As needed	
CUSEC (Center for United States Earthquake Consortium)	7.180	As needed	

DELTA CLUB 146.82 NET PREAMBLE (Rev. 2)

GOOD EVENING: This is calling this session of the DELTA CLU- INFORMATION NET. This net is affiliated with the ARRL and the NTS and is orga- the mid - south area, in addition to providing information about club events and ama- nightly at 8:00 p.m. CT except the second Tuesday of the month on the 146.82 W4B of 107.2 Hz. All stations will refrain from transmitting without being acknowledged	anized to pass traffic in and out of ateur related topics. This net meets S repeater andrequires a pl. tone
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 do sign.	uble break followed by your call
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 one after the monolog. Eliminate the following sentence unless there are announcement after you finish handling the one after the monolog. Eliminate the following sentence unless there are announcements for the net?	
We will now take checkins. Are there any stations that are mobile, on battery power please come now phonetically with your suffix only and please remembeto spread to	
We will now take checkins phonetically by suffix only if your suffix begins ALPHA now and remember to spread them out.	A through HOTEL pleases come
We will now take checkins phonetically by suffix only if your suffix begins INDIA now and remember to spread them out.	though KEEBECK please come
We will now take checkins phonetically by suffix only if your suffix begins ROME now and remember to spread them out.	O through ZULU please come
The DELTA CLUB meets the second Tuesday of eachmonth at the ELLENDALE CHWY 70 in Bartlett at 7:00 P.M. V. E. Registration begins at 5:30 P.M. with testing copy of your license and CSCE is required. For V. E. Information contact Bill, WC9 information contact Tom, KJ4LMH at 517-0492. For training information contact Jo	starting promptly at 6:00 P.M. A OS at 6033448. For membership
Are there any additional announcements?	
We will now take late checkins from anywhere in the alphabet ALPHA through ZU them out.	ILU please commow and spread
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 net and would like to thank all stations for checking in tonight. And would in tomorrow night at the same time. GOODNIGHT AND 73: THE NET IS NOW CLOSED. CLEAR	O CLUB'S Traffic and information like to ask that everyone to check
OUODNIOITI AND /3. THE NET IS NOW CLUSED. 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 Commercial & residential ceramic, quarry, marble & slate tiles Company (901) 363-9607 or Fax (901)365-1992 5579 Federal Avenue Memphis, TN 38118-7918 35 YEARS of EXPERIENCE

ADVERTISEMENT ORDER FORM

DELTA
AMATEUR RADIO CIUN

D.14. A.......... D. 11. Cl.-1.

	Sparks Advertisi	Date:	
MATEUR RADIO CLUB		Name:	
Call Sign:	Phone:	Email:	
	TO DI ACE	AN ODDED	

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											
FU	ULL PAC	JLL PAGE HALF PAGE		¹ / ₄ PAGE			BUSINESS CARD				
	\$50.00 \$25.00 for 3 Months 7" w X 8 ½" h 7" w X 4" h		\$15.00 for 3 Months 3 ½" w X 4" h		\$10.00 for 3 Months 3 ½ " w X 2" h						
Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2012	2012	2012	2012	2012	2012	2013	2013	2013	2013	2013	2013