

IARC, Inc News



Irving Amateur Radio Club Inc. – P.O. Box 153333, Irving, TX 75015-3333
The Friendly Bunch – Website <http://www.irvingarc.org/> - WA5CKF Repeaters
146.72 (110.9 Hz) – 224.40 – 442.675 MHz - Public Service

November 2006

Upcoming Scheduled Meetings

Next scheduled Board Meeting Dec 14, 7:30 p.m. at Heritage Park

Next scheduled General Meeting Jan 25, 7:30 p.m. at Senter Park East.

Clean out your Ham Shack and bring it to the Swap Table at the General Meeting each month

Monthly Fox Hunt

A monthly Fox Hunt is held on each Sunday following the 4th Thursday general club meeting. Starting point is SH183 & Story Road in the parking lot on the northwest corner at 1:30 pm. Winner of the hunt gets to be the FOX next time. All Amateur Radio operators are welcome.

Special Thanks

To Chuck Ferguson AD5XF for securing the donation of the file cabinet and bookshelf for the HAM Shack from his employer, NEC-way to go Chuck!

Recipe

Double Banana Bread

1 ½ cups flour	½ cup sugar
2 tsp. Baking Powder	½ tsp. baking soda
½ tsp salt	2 eggs
1 ½ cups mashed ripe bananas	¼ cup oil
¼ cup water	1 ½ cups Post Selects Banana Nut Crunch Cereal
1 cup chopped Walnuts	

Preheat oven to 350 degrees. Mix flour, sugar, baking powder, baking soda and salt in large bowl; set aside. Beat eggs in medium bowl. Add bananas, oil water; mix well. Add to flour mixture; stir just until moistened. (Batter will be lump.) Stir in cereal and walnuts.

Pour evenly into 4 greased miniature (5 ¾ x 3 ¼ inch) disposable foil loaf pans.

Bake 40 min. or until toothpick inserted in centers comes out clean. Cool in pans 10 min. Remove from pans; place on wire racks. Cool completely.

Technical Notes

Transistors

Harvey in Colorado is having trouble with his Astron RS-35 power supply. Thought I would share basic transistor junction testing with the group.

Hey Harvey, enjoyed the chat on 40M this morning. There are several types of transistors, Bipolar and Field Effect and several more like Injunction and SCRs and TRIACs

Under Bipolar types as used in pass transistors on the Astron, there are NPN and PNP. NPN (easy way to remember on a schematic as Not Pointing In - where the arrow doesn't point in).

Bipolar transistors have 3 active leads (some metal cased RF transistors also have a 4 leg that is case ground). These leads are Base, Collector and Emitter.

I won't try and explain bias and operation but limit this to just a basic test of the transistor junctions.

I use a Simpson 260 VOM for testing. First thing about an ohm meter is that it is really a current meter and measures current through a device under test. In order to measure current the VOM has to provide a current source, hence batteries in the meter. NEVER HOOK AN OHM METER TO A LIVE CIRCUIT - IT WILL DAMAGE THE METER MOST LIKELY.

The VOM has 2 leads for testing. One will go thru the meter and shunt resistors to the internal battery, the other will go to the other side of the battery. In the Simpson 260 the RED lead happens to be POSITIVE and the BLACK lead happens to be NEGATIVE. This is not always the case.

Anyhow with this out of the way, a bipolar transistor should show open (infinite OHMS) between collector and emitter with positive on the collector OR positive on the emitter.

An NPN transistor like the 2N3055 often used as pass regulators for DC power supplies is tested between BASE and Collector and Emitter as follows.

Apply the Negative lead to the BASE with a clip lead. Set the Meter to R X 10K. With the black lead on the base touch the RED lead to the Collector (Be sure the meter is set to +DC on the -DC/+DC/AC Selector or the reading will be backwards). Negative on the base and positive on the Collector should show OPEN - the needle should not move.

Next leave the black lead on the base and touch the RED lead to the EMITTER. This also should show open.

Finally connect RED to the base and touch the black to the Collector - The meter should read around 1/3 scale. Next leave the RED on the BASE and touch the EMITTER - again the meter should read around 1/3 scale.

IF a junctions reads 1/3 scale or less in both directions the junction is probably shorted, and if the junction shows OPEN both directions it is probably blown open.

I hope this helps you test your power supply Harvey,

73,

Steve NU5D
Ham Radio Spoken Here...NU5D EM11

Upcoming Events

CHRISTMAS DINNER

Invitation for a fun night of visiting and good food with friends and family

IRVING AMATEUR RADIO CLUB INC.

CHRISTMAS DINNER

DATE: December 21, 2006

TIME: 6PM

LOCATION: SPRING CREEK BAR B QUE
3514 W. AIRPORT FWY.
IRVING, TX.
972-313-0987

WHITE ELEPHANT GIFT EXCHANGE – BRING A GIFT –RECEIVE A GIFT

Upcoming VE Test Sessions

VE Testing Sessions are held every 3rd Saturday at 8:30 am Betcha Bingo #2 2420 Irving Blvd (Story and Irving Blvd), Irving, TX you will need:

2 forms of identification – one must include photo
Pencils or pens (black or blue)

Your current Amateur Radio License (if you have one) and a copy of same to file with your application; your CSCE; and a copy of same, if you have completed relative elements at a prior session

\$14.00 exam fee

Contact for further information
Chuck Beaupre 972/745-8456

Birthdays

November

James Allred KD5QQD – 11/2
Melodye Green – Assoc- 11/14
Ray McCoy N5CSG – 11/26

December

Tom Schuessler N5HYP – 12/1
Chuck Ferguson KE5HJG – 12/1
Jon Hager KD5NCX – 12/6
Mark McCleod KB5YMC – 12/11
Raymond Jeffcoat WA5RWO 12/7
Alec Disher KD5FLP – 12/10
Mark McCleod KB5YMC – 12/11
Nick Disher KE5KGK – 12/17
William Duval K5UGM – 12/21
Joe Martin KM5CWW – 12/25

Ham Shack
Dennis Brady – Chairman

We have recently restored the IARC station to full operation on bands 80 – 10. There are two functional stations available for use. Contact Dennis Brady 972/790-9026 or any of the Club officers to gain access to the station/equipment.

Minutes

IARC Inc. Business meeting minutes of Oct. 12, 2006 at Heritage Park, Irving, TX.

The meeting was called to order by Pres. Dennis Riise, approx 7:30Pm.

Prayer by Jim W8EP

Pledge of allegiance by the membership.

10 signed the roster --- board -- 4 members

Motion by Jon Hager to accept minutes for the business meeting Sept.14, 2006 as read by Secretary Coleta Taylor, second by Chuck Ferguson. Motion carried.

Motion by Jon Hager to accept minutes for the general meeting Sept.28, 2006 as read by Secretary Coleta Taylor, second by Ray McCoy, motion carried.

Treasurer Report Sept. 30, 2006 by Doyle:

Motion to accept by Coleta and second by Jon Hager-motion carried.

The application and rental fee was paid to The Best Little Warehouse in Texas 1212 Oakland, Irving, TX. On Oct. 5, 2006, (12 months paid in advance -one month free-)

Next rental fee due Nov, 5, 2007

The IARC Inc. trailer was stored at The Best Little Warehouse in Texas on Oct. 7, 2006.

IARC Inc. trailer inventory -- Oct. 7. Next site and inventory date Oct. 28, 2006.

Inventory coming along very well.

Dennis, K5AVT , Doyle AD5KE , Lee K5LMH, Bill Flowers K5VKL and Coleta KD5QFH Oct. 9 meeting with the Irving Baylor Health Care,(Walter Wison, Susan Shep, Tim Collins, Al Moore , and Jesse Gomez) ,discussion IARC Inc. on their site. Very well received and willing to help with our needs.

Dennis, K5AVT, Doyle AD5KE, Richard N5VKR, Lee K5LMH and Coleta KD5QFH Bingo workers recertification was Oct. 10, 2006 at Jack Pot Bingo.

Betcha Bingo # 1 Unit Trust 3rd Qtr. donation will be sometime in Dec. 2006.

Reminder:

2007 Dues are due and past due Nov. 1.

54 have renewed .Thanks

Mentorfest meeting Oct. 16, last one before Mentorfest Oct 21.

Coleta plans to use one of the laptops and N3FJP logging program, for mentors' and attendees' information at the Mentorfest Oct. 21.

Program for the Oct.26 general meeting will be Doug Loughmiller W5BL.Arbonet Flight -1.

Next site and inventory date Oct. 28, 2006.

Spook Patrol Oct. 31, 2006 all amateur operators welcome, those that are not can ride with a Ham operator. Help to keep the night safe.

Meeting adjourned approx 8:20 pm.

Respectfully Submitted
IARC Inc. Secretary
Coleta M. Taylor KD5QFH

IARC Inc. minutes of general meeting Oct. 26, 2006.at Senter Park East Irving, TX.

The meeting was called to order by Pres. Dennis Riise approx 7:30 Pm
Prayer by Ray McCoy
Pledge of allegiance by the membership and guests

17 Members, 4 guests gave their name and call sign.
Guests: Speaker for the night Doug Loughmiller W5BL, Kaitlin Feldkamp KE5JAL, Lloyd Berkley WB5HIP, and Tom Blackwell N5GAR.

IARC Inc. Board via email voted to present the following 3 new member applications to the membership:
Doug Loughmiller W5BL, Kaitlin Feldkamp KE5JAL, and Kenneth Hale KE5KNF
Motion to accept 3 new member applications by Chuck Ferguson, second by Jon Hager--, motion carried.
Welcome to IARC Inc.

Discussion:
Doug Loughmiller W5BL asked those that were ARRL members sign a petition for his nomination as candidate in the up coming election for the Section Manager of the North Texas ARRL section of the West Gulf.

Program for the night Doug Loughmiller W5BL, ARBONET-1 Balloon flight Sept. 30, 2006.

Very informative. Those that got to make the IARC Inc. chase team had a great time.
Next flight --Arbonet Flight # 2 will be April 28, 2007

Tom Blackwell N5GAR, told about his web site, BPL, 1st Saturday Sidewalk Sale in Dallas to offer of free space for use by amateur radio operators etc. <http://www.sidewalksale.com>

Mentorfest will be Oct. 21, 2006--Reports

Bill AC5BC's Report and Certificates for the Mentorfest committee, ve's, mentors, Betcha Bingo, and Don Nabb (Snack Bar).
ARRL was to send Elmer Awards certificates for the mentors.

Report by Coleta:

Well!!!!!!!!!!!!!! Sure hope everyone lived through another event for the IARC Inc. LOL

A special THANKS to Chuck AD5XF, for bringing Mentorfest flyer to post on the doors and tape.

For the attendees --Note cards, pencils & sharpener, mentor session evaluation sheets, also where they had lunch. (Very good idea)

Only 3 turned their sheets in, but those that did had only good things to say and enjoyed the sessions very much.

Some wanted to know when we will have another Mentorfest.

Others that did not turn in an evaluation sheet thanked us for having the Mentorfest and enjoyed the sessions.

Wrap up info:

7 Mentors gave presentations. Bill Swan K5MWC, Doug Loughmiller W5BL, Gene Mason KZ5V, Don Murray W9VE, Tom Schuessler N5HYP, Jim Haynie W5JBP, and Keith Pugh W5IU

2 McKinney, 1 Coppell, 1 Irving, 1 Ft. Worth, and 2 Dallas

Tom Blackwell N5GAR could not stay for a presentation,

Bill Byrom N5BB's cancel --mother was ill.

Barry Goldblatt WA5KXX --cancel

Jon Beadle N5Oom --cancel

25 attendees:

Dallas, Mesquite, N. Richland Hills, Carrollton, Irving, Ft Worth, Trinidad, Porter, Haltom City, Euless, Lewisville, Denton, and Noble Ok.

Dennis Brady W5FRS had the Ham Shack open for anyone to visit.

7 -VE's-- available -- 5 tested and 5 passed

Jerry KB5VZC brought donuts and rolls for the VE session, the leftovers, we enjoyed.

The coffee Vern KE5HXT brought me went really well with the donuts .Thanks again.

13-- Helped to set up mentor's stations and put the tables and chairs back for Bingo Sat. night.

ARRL Goodie Box-- ARRL information

3 --Door Prizes

The winners were:

ARRL Handbook 2006 -- Tom Katopody N9TY

ARRL Handbook 2006 -- Douglas Quagliana KA2UPA

ARRL Antenna Book -- Bill Swan K5MWC

Mentors comments: they all seem to enjoy the day of mentoring and glad to help.

Snack bar was open as agreed.

Bill AC5BC will print certificates for the Mentors, Betcha Bingo, and Don Nabb (Snack Bar).I will mail those that need mailing.

The N3FJP log worked great for the information I wanted to log. Thanks for all the help to get it working for me, and you know who you are. (Chuck AD5XF and Bill AC5BC)

Comments from anyone else will be welcome.
My special THANKS to all for another job well done!!!!

73

"The Friendly Bunch"

Irving Amateur Radio Club, Inc. www.irvingarc.org

Secretary

Coleta M. Taylor KD5QFH

coleta.mt@verizon.net

kd5qfh@arrl.net

Refreshments of cookies and cold drinks by Amelia Shultz were enjoyed by all present.

Reminder:

Fox Hunt Joshua KD5ZBD will be the Fox, Oct. 29, 2006.

Spook Patrol Oct. 31, 2006

2007 dues are due Sept. 1, 2006, Past due Nov. 1, 2006, \$15.00 per year. Family members \$7.50 each.

Several have paid their 2007 dues, Thanks.

Inquiries to be sent for the preference of the Dec, 21, Christmas Dinner location.

50 /50 Raffle \$ 26.00--(\$13.00 each) the winner was Chuck Ferguson.

Meeting adjourn approx 9:10 pm

Respectfully Submitted

IARC Inc. Secretary

Coleta Taylor KD5QFH

Deadline for articles for December Newsletter is December 1

IARC Officers and Board Members

President	Vice President	Treasurer	Secretary
Dennis Riise	Jim Shultz	Doyle Taylor	Coleta Taylor
K5AVT	W5OMG	AD5KE	KD5QFH
k5avt@arrl.net	w5omg@arrl.net	doyle.lt@verizon.net	coleta.mt@verizon.net

Directors

Bill Byrom	Ray McCoy	Jon Hager	Richard Bartlett
N5BB	N5CGS	KD5NCX	KE6LOU
n5bb@arrl.net	rsmccoy63@verizon.net	kd5ncx@arrl.net	ke6lou@comcast.ent