

FEBRUARY 17, 2014 No.386

THE BARN

FEBRUARY MEETING

The Beaumont Amateur Radio Club will hold this month's meeting, at 7:30 PM Monday, February 24, 2014 at North End Baptist Church, 5115 Eastex Freeway at Odom Road in Beaumont. This month's meeting will a video program about the Joplin, Mo. Tornado disaster and the roll hams played in communication and disaster relief.



Affiliated Club

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BARC WEBSITE

<http://www.qsl.net/w5rin/>

BARC EMAIL

beaumontarc@gmail.com

The BARN is a copyrighted publication of the Beaumont Amateur Radio Club as a service to all hams of the Golden Triangle Area

EVENTS COMING UP - DUES ARE DUE

INVITE A YOUNGSTER INTO AMATEUR RADIO

HAM HAPPENINGS"

TALES OF THE TAILGATE SALE



Richard KA5IQX

February 10, 2014

I almost had it. It was right there in front of me, and I was reaching for my wallet ... when suddenly, John ... (W5EME) drew out his wallet first, at a speed not seen since Clint Eastwood shot down 27 bad guys in less than three seconds. It was an older model handheld, dual band radio, (an Icom W32A), but it is one of the few handhelds that is capable of operating in "crossband repeat" mode. So ... I said to myself ... "Self, I think I'll go ahead and buy that." Silly me. I never had a chance. As I was still reaching for my wallet, John was already walking away with his new, old radio. It's obvious that I'm really gonna have to improve on my quick-draw skills before the next "hamfest" or tailgate sale comes along. Maybe I could wear a wallet on each hip, so that I can "clear leather" faster.

I did some historical research, and this was the first Beaumont "Ham" Club tailgate sale since 1878. In that particular year (according to first-person witnessed accounts of the event) .. things didn't go well at all. For one thing, there were not enough parking spaces for all of the horses and wagons that showed up. To add to the confusion, those who attended the event had no idea what a tailgate was, and thought that the VE testing that was being offered, had something to do with "Vegetable Evaluation". As best I could tell, the only communications equipment for sale, consisted of several cone shaped acoustic horns ... also known as "speaking trumpets" and "megaphones". These were highly directional devices, with very little db gain. Needless to say, this first attempt at a "ham" tailgate sale was not very successful.

However, on February 8, 2014 .. that all changed. Unlike the disaster of 1878 ... this time the gathering was a complete success. It was held at the North End Baptist Church, and was very well-attended. They had plenty of coffee and donuts .. and even some huge, dinosaur-sized apple fritters. (Fritters provided by Lawrence .. KB5ZZB .. who had to rent a U-Haul trailer in order to get both of the fritters to the tailgate site)

Besides all of the eating and selling and swapping and eating and buying and eating there were six people who tested during the event ... resulting in one upgrade to the Extra class license ... one upgrade to General class ... and two new "hams" who passed the exam for Tech class. All in all, it was a very enjoyable event, and it will hopefully continue to be successful in the future.

Lots of activities coming up in the next few weeks and months, so pay attention to the club newsletters and to the e-mail notices. Make an effort to be a part of as many of the events as you can. You'll enjoy it, and you certainly don't want to miss an opportunity to "ham it up".

Richard KA5IQX



CLUB NEWS:



CLUB PATCHES FOR SALE \$5.00 each

CLUB DUES ARE DUE.... DID I MENTION DUES ARE DUE

Our Club Net is on Thursday Evening at 8:00pm on 146.700, - offset, pl: 107.2

W5RIN EchoLink Available for Check In

The 146.760 and the 444.700 Machines are out for repair. Be back soon.

Next Beaumont Club Meeting is Monday, February 24, 2014 @ 7:30 pm

ORANGE HAMFEST FEBRUARY 21 & 22 – COME FIND TREASURES

2014 BEAUMONT AMATEUR RADIO CLUB OFFICERS:

President: LB Little, WB5YDA

Vice President: Lynn Sandell, KF5LNZ

Treasurer: Brenda Frazier, N5EKG

Secretary: Randy Leftwich, KE5YLY

Board of Director: Jerry Stockholm, WA5NRG

Board of Director: Kirk Mahaney, N5WKM

Board of Director: Mike Fauchaux, N5KBW

Board of Director: David Fornerat, KF5CAE

2014 UPCOMING PUBLIC SERVICE EVENTS

February 15	Emergency Expo, Little Cypress Baptist Church
March 08	Gusher Marathon-Beaumont
March 15	Big Thicket Bike Tour
April 12	March of Dimes, March for Babies
April 26	Winnie Survive, WWIII.5, Buffalo Wild Wing Wars
May 04-05	Tour de Rouge
May 17	Don Allen Sports Day
June 07	Spindletop Spin
June 28-29	ARRL Field Day
September 06	Neches River Canoe Rally
October 18,19 & 20	Scouting Jamboree on the Air

OTHER UPCOMING EVENTS

February 21-22	Orange HamFest
March 01	Elk City Hamfest, Elk City, OK
March 07	West Gulf Division Convention, Claremore, OK
March 08	Williamson County ARC HamFest, Georgetown, TX
March 15	West Texas Section Convention, Midland, TX
March 22	South Texas Section Convention, Rosenberg, TX
March 29	Weatherford HamFest, Weatherford, TX
April 05	JCARC TailGate Sale
June 13	Ham-Com 2014, Plano, TX
August 01	Texas State Convention, Austin, TX

PLEASE JOIN US FOR BREAKFAST ON SATURDAY MORNINGS FROM 7:00 am TILL at DAIRY QUEEN ON PHELAN BLVD & 23rd, BEAUMONT

EDITOR'S COMMENTS

And did I mention that dues are due!!!

That being said, I would like to thank everyone for a VERY SUCCESSFUL first ever (since 1878) Beaumont ARC Tailgate Sale. It was good to see and meet a lot of new faces and see New HAMS emerging. To those, CONGRATS!!!! Personally, I am looking forward to the next one.

The Orange Hamfest is this weekend and it will give the area HAMS a new venue and set of challenges. The new building is large and will allow several forums along with VE testing. We have a good many New Equipment Vendors coming and an opportunity to see the HamFest grow exponentially. Be there or be square.... And please come ready to help out, if needed, this is our HamFest and is always one enjoyed by many afar. Just listen in on the HF nets.

We also have a lot of public service events coming up this year. I hope everyone gets a chance to help out when you possibly can. These events not only serve the public and raise a positive awareness of HAM Radio, gives us some practical training in Emergency Communications to prepare us for something that could happen in our area or someone else's that we can help with, but it is JUST A LOT OF FUN!!! Not to mention all the apple fritters, grilled steak and lobster and the margarita machine at the Ice Cream Stands, courtesy of Rich, N5ALE and Richard, KA5IQX.

Thanks All and 73,
Randy, KE5YLY
BARN Editor

REQUEST FROM WARD MONTGOMERY, NV2D:

Can U put it in newsletter that I need help with a Deep Sea Electronics DSE7210 computer interfaced to a 15Kw 220 volt generator. I can make it run in manual mode & it will supply house OK. the mains/gen switch all work in manual mode, I have the USB/Cat5 interface cable hooked to it, but I don't know how to make it all work in auto mode. Does anybody know DSE7210 panel. Ward NV2D I will b out of pocket a bit. On wednesday, I am going into VA hospital to try to get a cancer problem near pancreas fixed. Ward

WARD NEWS: To many friends. I spent a FULL day @ VA Medical center yesterday. The have me scheduled bout Mar 5 for major surgery (pancreatic cancer) bout Mar 5. Surgery bout 6 to 8 hours, 10 day in hospital, then home. Be in horizontal unsupported position fer better than 10 days. Ward

.....
CAREY JOLLY'S, WB5VFG, ELECTRONICS CLASS

RESONANCE

Over the last several months I have touched on several topics. I have talked about Resistance, Capacitance, Inductance, Inductive Reactance, Capacitive Reactance, and Impedance.

This month I am going to expose you to a property called Resonance.

By definition, Resonance is a circuit condition whereby the Inductive and Capacitive reactance components of a circuit have been balanced or cancelled out leaving only Resistance.

An antenna will only deliver maximum signal at one frequency. This frequency is the resonant frequency of the antenna and maximum power will only be delivered at that frequency.

The antenna tuner that most amateur operators use is a device designed to "tune out" or "balance out" the reactive component allowing maximum power to be delivered to the antenna.

With the reactance cancelled out, the impedance will be minimum, and the current will be maximum and so will the power delivered to the antenna.

The antenna tuner allows one antenna to be used on a wide band of frequencies, otherwise you would need an antenna or each frequency that you use, and this idea is not practical.

Tuned circuits in receivers and transmitters work the same way, allowing them to operate on many different frequencies.

In today's electronic equipment the reactance is tuned out electronically using micro-processors and various electronic filters. There are some tuners that still use large variable capacitors and variable inductors to tune out the reactive component, but they are slowly being replaced by modern equipment.

Next month: A look at something from the earlier days of Ham Radio

From The Jefferson County Club

The Jefferson County Club will have their next meeting on March 11th at the Clubhouse, 216 10th Street at Boston Ave, Nederland, Texas. The JC ARES Meets on Thursday March 20th at 7:00pm at the Club House. We have a lot of Public Service events to work, so please feel free to jump in and help. ALL ARE INVITED!!!

Eagle Scout Candidate Jonathan Hill has completed renovation of the Little "Radio Shack" Clubhouse, LOOKS GREAT!! Eagle Candidate Cameron Goleman will be starting on the Big "Meeting Room" Clubhouse next.

Our Club Net is on Wednesday evening at 8:00 pm on 145.470 neg offset with pl tone of 103.5. The Mid and South County Ham Operators get together for breakfast on Saturday Mornings at the Magnolia Cafe on Hwy 366 in Port Neches. Please come join us. Check out our website at: www.w5ssv.com and www.qsl.net/w5ssv.

From The Orange County Club

The Orange Amateur Radio Club will have their next meeting on March 7th at the Red Cross Chapter House in Orange at 3901 IH10 East at MLK. ARES Meeting Starts at 6:30 pm and the Club Meeting Starts at 7:30 pm. HamFest time is THIS WEEKEND and lots of help is going to be badly needed. Be ready to volunteer!! PLEASE JOIN US!!!

Our club net is DAILY at 6:30pm on 147.180 positive offset with a pl tone of 103.5.

Remember "CQ at the DQ", our HAM Radio Breakfast Meeting at the Dairy Queen on Strickland Dr. in Orange on the THIRD Saturday of the month at 8:30am. Hope to see you there!!!

Check out our webpage at: www.qsl.net/w5nd.

From The Big Thicket Club

The Big Thicket Amateur Radio Club will have their next meeting on March 4th at the Kountze Fire Station on East Deer and South Beach Street in Kountze at 7:00pm. PLEASE JOIN US !!!!

Our Club Net is on Thursday evenings at 7:00pm on 145.230 neg offset, pl tone 103.5. EchoLink is available for use.

Check out our webpage at: www.qsl.net/btarc.

From The Lakes Area Club

The Lakes Area Club will have their next meeting on Thursday, February 27th, at the Bell Field, Jasper Airport in Jasper at 7:00pm. PLEASE JOIN US !!!!

Our Club Net is on Tuesday Evenings at 8:00pm on 147.000 neg offset and pl tone of 118.8. EchoLink is available for use.

Please check our webpage at: www.w5jas.org..... For the latest info.

From The Tyler County Amateur Radio Association

The Tyler County Amateur Radio Association meets the first Thursday at 7:00pm at the Woodville Emergency Center located at 201 Veterans Way. Turn at the light by Brookshire Bros Grocery Store and you will see the building. It runs parallel to Hwy 69. Next meeting will be March 6th. PLEASE JOIN US!!!!

We will be doing an ARES net on the First Monday of the Month on the Jasper Repeater at 7:00pm. Please check in with us.

Our new repeater should be on line very shortly. New Frequency is 147.220 + pl=100.0.

From The QCWA

We meet the third Saturday each month at noon at Baytown Seafood on Hwy 347 just north of Hwy 73 in Groves. Meetings are very informal and usually involve a "show and tell" about some kind of old radio equipment the members have in their collections. You don't have to be licensed 25 years to attend the local meetings, as is required for National QCWA membership.

From The LCM SCHOOL RADIO CLUB

If you have any questions, just let me know. John Nichols, KF5LPY.

From the ARRL:

Note from KE5LYL: Is this something we might want to look at doing next year?????

School Round Up Time

School Club Roundup is all this week February 10-14th. School Clubs may operate up to 6 hours per day for a total of 24 for the entire week. Although the big prize is school (multiplier of 5 points) contacts, club contacts have a multiplier of 2, and individuals have a contact of 1. But all points add up and can make for a big score for any youth organization/club. Hear some young voices? That is probably not little Billy playing on dad's radio. Most likely it is a student at a school being supervised by a teacher. Jump in, give them a contact and find some more. Please be positive in your comments, and encourage that student to keep up the good work and tell him/her that they are doing great. After all, they are only kids. If you hear a voice in the background; that is probably the local volunteer assisting the student operators. Scholarships are available for licensed students from the ARRL, and many of these kids can benefit from those and the life lessons that come along with Amateur Radio.



School Club Roundup has become one of the highlights of the academic year for students in the Bloomington High School Amateur Radio Club, K9SOU, in Bloomington, Indiana.

Anyone who participates can submit a log, even individuals sitting at home. WGD is fortunate to have several schools participating in this bi-annual event. Remember that most school stations are barefoot and have modest antenna systems. If a school is on a net frequency, let them know a few minutes ahead of time. Let them know about the net and see if something (most will accommodate) can be worked out, regardless, make sure you give them a contact and encourage your net members to do the same. Please, please, help those school clubs out if you can. You may not be "cool" to your kids or grandkids, but undoubtedly you will be "super cool" to someone else's.

Submitted, by Paul Goulet, KC5CYY

Calendar of Events:

MARCH 2014

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1 8am BARC Breakfast
2	3 6:30pm ORG ARES Net 7pm TYLER ARES Net	4 7:00pm BTARC Mtg 8pm LAARC Net	5 8pm JCARC & ARES Net	6 7pm TCARA Mtg 7pm BTARC Net 8pm BARC Net	7 7:30PM OARC Mtg	8 6am GUSHER MARATHON 8am BARC Breakfast
9	10	11 7pm JCARC Mtg 8pm LAARC Net	12 8pm JCARC & ARES Net	13 7pm BTARC Net 8pm BARC Net	14	15 6am BIG THICKET BIKE TOUR 8am BARC Breakfast
16	17	18 8pm LAARC Net	19 8pm JCARC & ARES Net	20 7pm JC ARES Mtg 7pm BTARC Net 8pm BARC Net	21	22 8am BARC Breakfast
23	24	25 8pm LAARC Net	26 8pm JCARC & ARES Net	27 7pm LAARC Mtg 7pm BTARC Net 8pm BARC Net	28	29 8am BARC Breakfast
30	31 7:30PM BARC Mtg					

Local Frequencies and Access Codes...

52.525 6 Meter FM National Calling Frequency
 53.150/52.150 Groves Repeater (pl 100.0) **NEW**
 144.390 APRS
 145.010 BPT (W5SSV) Packet
 145.010 W5SSV-10 RMS Packet
 145.050 KC5YSM-10 RMS Packet
 145.210- S.W.L.A.R.C. (W5BII, pl 103.5)*
 145.230- B.T.A.R.C. (N5BTC, pl 103.5)*#
 145.330- Anahuac (KK5XQ, pl 123.0)
 145.470- J.C.A.R.C. (W5SSV, pl 103.5*)
 145.350- Sulphur A.R.C. (KC5PNH, pl 103.5)*
 145.560 Simplex-Jeff Co ARES Secondary
 146.450 Mid County Simplex
 146.520 National Simplex
 146.560 Simplex Tyler Co ARES Prim
 146.580 Simplex Jeff Co ARES Prim & Special Event
 146.640- Beaumont Repeater (KW5C, 103.5 pl) **NEW**
 146.680-Tyler Co Amateur Radio Assoc. (100.0 pl) **DOWN**
 146.700- B.A.R.C. (W5RIN, pl 107.2)*#
 146.730- S.W.L.A.R.C. (W5BII, pl 173.8)#
 146.760- B.A.R.C. (W5GNX, pl 107.2) **DOWN**

146.860- Port Arthur (WD5GJP) pl 103.5
 146.980- H.A.M.S. (Devers, N5FJX, pl 103.5)*#
 147.000- Jasper (W5JAS, pl 118.8)*#
 147.060+ DuPont (AA5P, pl 103.5)
 147.180+ Orange A.R.C. (W5ND, pl 103.5)*
 147.200+ Port Arthur (KC5YSM) (pl 118.8)*#
 147.220+ Tyler Co ARA (pl 100.0)* **COMING SOON**
 147.300+ Mobil Oil (W5XOM) (pl 103.5)*
 147.420 Simplex-Orange ARES Primary
 147.460 Simplex-Orange ARES Secondary
 147.570 Simplex-Hardin Co ARES Secondary
 223.800 Beaumont (KA5QDG) (pl 123.0) **DOWN**
 224.920 Devers (KA5QDG) (pl 123.0)

442.575 Devers (KA5QDG, pl 103.5)
 444.700 B.A.R.C. (W5RIN, pl 107.2) **DOWN**
 444.900 Mobil Oil (W5XOM, pl 103.5)
 446.000 National Simplex UHF

* Denotes transmitted PL tone.

Denotes echo link.

NETS

BARC Net Thurs Night 8:00pm 146.700
 JCARC Net Wed Night 8:00pm 145.470
 BTARC Net Thurs Night 7:00pm 145.230
 Org ARC Net Nightly 6:30pm 147.180
 LAARC (Jasper) Tues Night 8:00pm 147.000
 TCARA (Tyler CO) 1st Mon Night 7:00pm 147.000
 2M SSB Net Tues Night 8:30pm 144.270
 2M CW Net Wed Night 7:30pm 144.160
 10M CW Net Fri Night 7:45pm 28.970
 10M LAARC Ph Net Wed 8:45pm 28.325 USB

Daytime Texas Traffic Net Daily 8:30am 7.285
 7290 Traffic Net M-Sat 10am-12N, 1-2pm 7.290
 Texas Traffic Net Daily 6:30pm 3.873
 Gulf Coast SSB Net Daily 6:30pm 3.925
 Delta SSB Net M-Sat 7:00pm 3.905
 Ctn Gulf Cst Hurricane Net Daily 8:00pm 3.935
 Southwest Traffic Net Daily 9:30pm 3.935
 Gulf Coast Radio Net Sunday 8:00am 3.910
 Louisiana ARES HF Net Sunday 7:30pm 3.873
 Texas ARES HF Net Monday 7:30pm 3.873
 Texas RACES HF Net 2nd & 4th Sun 2pm 7.255

BARN YARD

For Sale:

From: L. B. Little, WB5YDA (mech5(at)gt.rr.com), President, BARC, W5RIN

I have Jimmy Easley's old BK 1742C 15mhz ocilloscope that I am trying to sell for his wife. Asking \$50.00

From: Larry Perkins, W5LDP (papaperk@gt.rr.com) 409-860-1925

Beam: Mosley TA34 XL WARC 5 Element Tri-band plus 17M WARC

Rotor: Hygain Ham IV

I will sell both with the mast for \$1000. I am not interested in selling them separately. The antenna is assembled and on my tower at about 10 ft. elevation.

RAY ST CYR, KF5IHT, has opened a store in Nederland and is handling some Ham Gear along with a lot of other GOOD STUFF!

R & A Sales, Bargains On The Ave., 3105 Nederland Ave. Ste. A Nederland, Texas, 77627 (409)237-4001

<http://www.bargainsontheave.com/>

JOE LANIER, KE5NYS, in Jasper has a web based business. Please Visit: www.factorready.com for :Emergency Tips and Resources for HAMS, see "Crank-a-Watt Generators for DIY power. See "Getting Started in Ham Radio" under the downloads section for your new HAM prospects.

FOR SALE By BILL GARVEY, WB5LYB, wb5lyb@gmail.com, Leesville, LA

I have 2 Icom V-8000,75 watt 2 meter mobile radios for sale...\$140.00 bucks a piece

I have 1 Yaesu FT-5100 dual band,2/440 mobile rig for \$150.00

I will be coming to the Orange ham fest, and if anyone is interested,i will bring them by request only..

Please send anything you want to buy, sell or trade to me so I can post it. Randy, KE5YLY, rwleftwich@aol.com or 409-466-582

PROJECT GROUP NEWS

BALLOON GROUP NEWS

Anyone that has not been involved and wishes to do so, please contact LB Little, WB5YDA, at mech5@gt.rr.com and give him your contact info. The group is asking each member for a \$20.00 donation and looking for club and corporate sponsors.

MESH NETWORK GROUP NEWS

Anyone that has not been involved and wishes to do so, please contact Rocky Wilson, N5MTX at rockygwilson@hotmail.com or LB Little, WB5YDA, at mech5@gt.rr.com and give him your contact info. **FORUM AT ORG HAMFEST**

D-STAR REPEATER GROUP NEWS

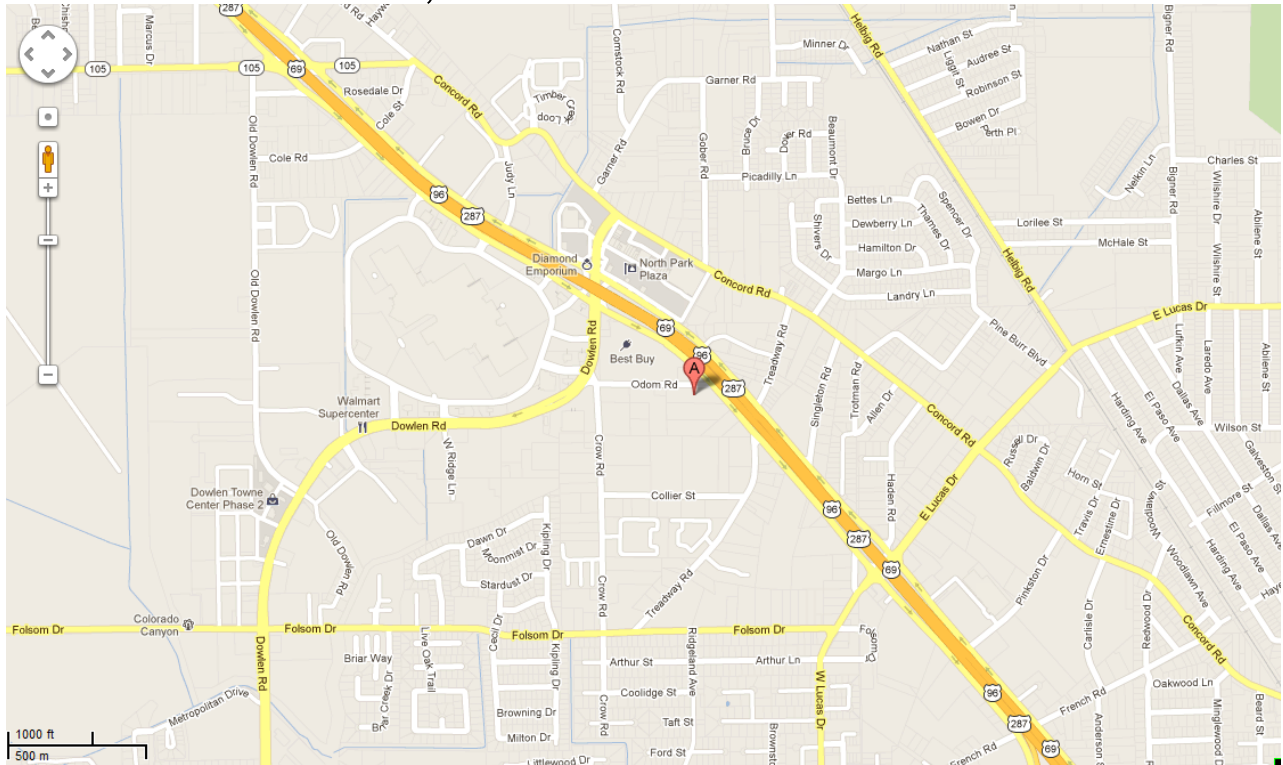
Anyone that has not been involved and wishes to do so, please contact Lawrence Kellar, KB5ZZB at lkellar@swbell.net or Rocky Wilson, N5MTX at rockygwilson@hotmail.com and give them your contact info. A meeting is being planned for the near future. The Repeater has been ordered and should arrive Mid February. **FORUM AT ORG HAMFEST**

LB's Tips and Techniques.

With springtime coming up, some things to check: (1) The tightness and condition of belts, clamps, and hoses should be checked by a qualified auto technician. (2) Have a marginally operating air conditioner system serviced by a qualified technician to reduce the likelihood of more costly repairs. (3) Change the oil and oil filter as specified in owner's manual. (4) Replace other filters (air, fuel, PCV, etc.) as recommended. (5) Check the condition of tires, including the spare. Always check tire pressure when the tires are cold. (6) Inspect all lights and bulbs; replace burned out bulbs. (7) Replace worn wiper blades and keep plenty of washer solvent on hand to combat summer's dust and insects.

The BARN

A Publication of the
BEAUMONT AMATEUR RADIO CLUB
 P.O. Box 7073 Beaumont, TX 77726



Club Directory...

BEAUMONT AMATEUR RADIO CLUB OFFICERS

PRESIDENT	L.B. LITTLE	WB5YDA	782-3115
VICE-PRES.	LYNN SANDELL	KF5LNZ	454-3812
SECRETARY	RANDY LEFTWICH	KE5YLY	466-5828
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CLUB WEBSITE	RICH HUDGINS	N5ALE	201-4238

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JERRY STOCKHOLM	WA5NRG	866-9753
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DAVID FOURNERAT	KF5CAE	860-4494
KIRK MAHANAY	N5WKM	718- 5047

Website: <http://www.qsl.net/w5rin/>

Email: beaumontarc@gmail.com

MEMBERSHIP INFORMATION

FULL MEMBERSHIP.....\$20.00

ADDITIONAL FAMILY MEMBER.....5.00 (ANNUAL RATES)

BARN SUBSCRIPTION ONLY.....7.50

NAME: _____ CALL: _____ LICENSE CLASS: _____ ARRL (Y/N) PHONE: _____

ADDRESS: _____ CITY/STATE ZIP CODE: _____ E-MAIL: _____

NEW MEMBERS: DUES ARE PRORATED MONTHLY THROUGH DECEMBER. SUBSCRIPTIONS TO THE BARN ARE GOOD FOR ONE YEAR (12 ISSUES) STARTING WITH THE FIRST ISSUE AFTER RECEIPT OF THE APPROPRIATE AMOUNT. MARK THE CORRESPONDING BOX ABOVE AND MAIL WITH YOUR REMITTANCE TO "TREASURER" AT THE ADDRESS ABOVE.