

MAR. 27, 2011 No.351

The BARN

MARCH MEETING

The Beaumont Amateur Radio Club will hold this month's meeting, at 7:30 PM Monday, March 4 28, 2011 at Wesley Methodist Church, 3810 N. Major Drive (at the end of Folsom Drive) in Beaumont. This month's meeting will feature a presentation by Jeremy Hansen, W1LFK on a radio he has for the emergency work. And we will hear an update on the progress of a second balloon launch attempt.

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

Jeremy Hansen, W1LFK talks about emergency communications setup



The Temple ARC puts on the 2nd largest Hamfest in Texas 2 times each year. The Spring event is this coming weekend in the Delton Event Center on Hwy 35 in Belton. If you have never had an opportunity to attend and you can make it this weekend, you are sure to have a great time. You will meet friends and make new ones as this is a very social event as well as a great hamfest.

HamEXPO!

BELTON, TEXAS

Talk-in Freq: 146.82- (PL 123.0)

April 2, 2011

VEHICLES IN BUILDINGS

For any motor vehicle to be parked inside the Expo during occupancy, the following conditions must be met:

- Fuel tanks shall not be more than ¼ full.
- Fuel caps shall be taped shut or fitted with a locking cap.
- Batteries must be disconnected and leads taped....

ELECTRICAL CORDS

Temporary electrical cords (extension cords) must be electrically grounded, adequately sized and in good repair. The Lessee or Lessee's vendor must tape down or otherwise secure any of his cords which cross an aisle or pedestrian walkway so as not to create a tripping hazard....

Butane, propane, acetylene and other flammable gases are strictly prohibited in all Expo buildings.

The **G5RV** **MULTI-BANDER** Antenna

Covers 3.5 thru 30 MHz Bands except 10 MHz

I. Introduction

The Multi-Bander Antenna is an excellent all-band (3.5-30MHz except 10 MHz) 102 Ft. dipole. The 102 Ft. dipole with 31 Ft. feeder of 300 ohm transmission line achieves a resonance on all bands from 80 to 10 meters, except 30 meters with only one antenna without any loss in traps and coils. The impedance at the end of the 300 ohm feed line is approximately 50-60 ohms, a good match for the transformer and new RG8X mini foam coax.

II. Description of Operation

On 3.5 MHz, the electrical center of the antenna starts at approximately 15 Ft. down the 300 ohm line. On 3.5 MHz a portion of the dipole is operating as a folded dipole. The antenna functions as two half-waves in phase on 7 MHz with a portion folded in the center. In the 14 MHz band, the antenna operates as a three half-wavelength antenna. On 21 MHz the antenna is two full-wavelengths in phase. In the 28 MHz band it operates as two one and a halfwave in line fed in phase.

The Multi-Bander Antenna is slightly short on 80 meters where the 300 ohm line serves as a form of matching stub and both a stub and/or impedance matching transformer on the other bands.

Earl, K5UJC, Editor

DUES DUES **DUES** DUES

This is your last BARN if you have not paid you 2011 dues.

Surfin': AM Radio Days

03/25/2011

By Stan Horzepa, WA1LOU
Contributing Editor

This week, Surfin' returns to its radio roots: 520-1610, before kc became hertz.

I blame it all on AM radio.

Technical writing has been my career for more than three decades. I became a technical writer because my future boss at Modems"R"Us thought that being a ham radio operator made me an excellent candidate for their open technical writing position. A two-year stint writing at ARRL Headquarters also helped.

I worked at ARRL Headquarters because I was a ham radio operator.

I became a ham radio operator because I wanted to go beyond shortwave listening, and I became a shortwave listener because I wanted to go beyond AM radio listening.

AM radio was my first love, radio-wise. Often I return to my roots and listen to AM radio, tuning up and down the dial looking for distant stations I have not heard before. I also browse the Internet looking for interesting stuff related to AM radio

Two AM radio related blogs that I enjoy visiting are [Radio-Timetraveller](http://radio-timetraveller.blogspot.com/) (<http://radio-timetraveller.blogspot.com/>) and [Arcane Radio Trivia](http://tenwatts.blogspot.com/) (<http://tenwatts.blogspot.com/>).

At Radio-Timetraveller, William Scott, WE7W, blogs "about radio and radio DXing, antennas, opinions, reviews -- basically all things concerning radio," emphasizing medium-wave and medium-wave DXing.

WE7W's blog posts are always interesting. For example, lately, WE7W has featured a series of blog posts about ferrite loopstick antennas. Be sure to check out his occasional "Mediumwave Oddities" posts, which I particularly enjoy.

Joe Fritz hosts Arcane Radio Trivia, and his "hypergraphia-powered weekday rants on radio history, programming, engineering, media law, and broadcasting ephemera" touches upon a variety of topics concerning AM radio past.

For example, as a second generation Pole whose parents listened to Polish radio 24/7, I liked Joe's latest post "Dick Yash's Afternoon Polka Party" on WFIF, an AM station where a deceased ham friend, Roger Minor, was chief engineer. Roger also ran a local surplus radio store, but that's another story.

Until next time, keep on surfen'!

Editor's note: Stan Horzepa, WA1LOU, still recalls his first radio: a [Remco crystal set](http://www.ohio.edu/people/posr/bapix/Remco.htm). (<http://www.ohio.edu/people/posr/bapix/Remco.htm>)

To contact Stan, send [e-mail](mailto:wa1lou@arrl.net) (wa1lou@arrl.net); or add comments to the [WA1LOU blog](http://horzepa.blogspot.com/). (<http://horzepa.blogspot.com/>)

Local Happenings

rieh.hudginc@gmail.com, Christian Holidays, US Holidays

Apr 2011 (Central Time)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28 7:30am - Beaumont Club	29	30 8am - JCARC Net	31 8am - BTARC Net @ 146.23 7am - BARG Net	1	2
3	4	5 7:30am - BTARC Meeting	6 8am - JCARC Net	7 8am - BTARC Net @ 146.23 7am - BARG Net	8	9
10	11	12 7:30am - Jcarc meeting @	13 8am - JCARC Net	14 8am - BTARC Net @ 146.23 7am - BARG Net	15	16 8am - BTARC Breakfast @ Mans
17	18	19 8:30am - Dinner Social @ Isten	20 8am - JCARC Net	21 8am - BTARC Net @ 146.23 7am - BARG Net 7:30am - ARES meeting @	22	23
24	25 7:30am - Beaumont Club	26	27 8am - JCARC Net	28 8am - BTARC Net @ 146.23 7am - BARG Net	29	30

Local Repeater Frequencies and Access Codes...

52.525 6 Meter FM National Calling Frequency
 145.010 BPT (W5SSV) Packet
 145.050 Packet
 145.070 Packet
 145.210 S.W.L.A.R.C. (W5BII, pl 103.5)*
 145.230 B.T.A.R.C. (N5BTC, pl 103.5)*
 145.470 J.C.A.R.C. (Open Patch, pl 103.5)*
 145.350 Sulphur A.R.C. (KC5PNH, pl 103.5)*
 146.450 Mid County Simplex
 146.520 National Simplex
 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. (SW Lynx Link) pl 107.2
 146.860 Port Arthur (WD5GJP) pl 103.5

146.980 H.A.M.S. (Devers, N5FJX, pl 103.5)*# Down
 147.060 DuPont (AA5P, pl 103.5)
 147.180 Orange A.R.C. (W5ND, pl 103.5)*
 147.300 Mobil Oil (W5XOM) (pl 103.5)*
 147.420 Simplex
 224.920 Devers (KA5QDG) Down
 442.575 Devers (KA5QDG, pl 103.5) Down
 444.500 Beaumont-(WB5ITT, pl 100.0) Down
 444.700 B.A.R.C. (W5RIN, (Salt Grass) pl 107.2) on low power
 444.900 Mobil Oil (W5XOM, pl 103.5)

* Denotes transmitted PL tone. # Denotes echo link.

BARN YARD

The list of the last items donated to the club by a most gracious club member, Jack Covington, NG5F are listed below for your consideration. If you are interested in any of these items please contact Walt, W5CPH 892-5663

Description	Condition	New Value	High Sale price or make offer		
J. W. Miller 1000 watt low pass transmitter filter & Specification Card. Compare to *5 MFJ-704.	Good (???) Sealed - looks very good.	*5 60	35		
Bencher paddles, dust cover (custom made) and Instruction Sheet.	Very Good	110 (now)	100		
The DX Edge - Instructions, Guide Map & Templates. (mfg. c. 1982)	Good		10		
(3) straight keys (more or less)	Fair				
Misc. cable fittings	Fair - Good				
Co-Axial Cable Lightning Arres-tor (mfg. c. 1975)	(???) Sealed - looks good.	(Incl.†)		2	5
50 feet cable RG58U (???) All cable lengths estimated by counting the coils	Fair	20		5	10
V-2S Hy-Gain vertical antenna with Instructions (144MHz - 148MHz) (mfg. c. 1985). Compare to *3 V-2R.	Fair	(none)	*3 110		

Some of these items belonging to the club have been sold, but you editor has lost the listing. Please check with Walt, W5CPH if you are interested in any of the items, for its availability.

Here is another installment of:

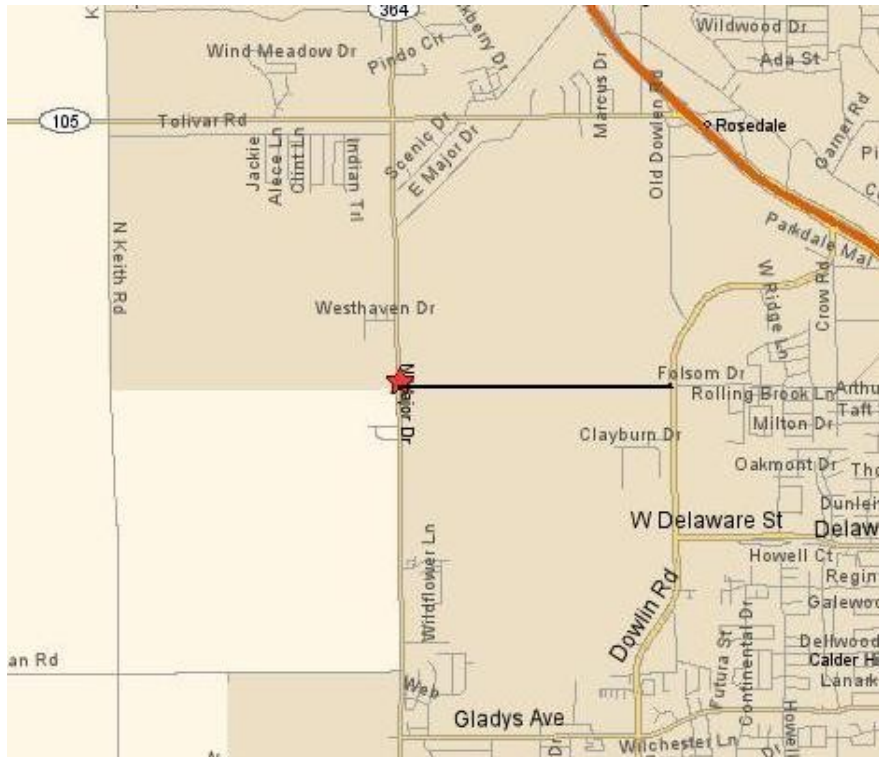
LB's Tips and Techniques.

In today's world, fuel efficiency is becoming a higher and higher priority. With average gas prices hovering above \$3 a gallon in the U.S., more and more consumers are trying to find ways to decrease the amount of gas they use. I have some tips to help with fuel economy. This month's tip is keep your car well tuned and serviced (oil change, fluids check and replaced at factory recommendations). Keep a clean air filter, a dirty air filter can reduce mileage as much as 20% or more.

Thanks to LB Little, WB5YDA

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	WALT LOMBARD	W5CPH	892-5663
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TOOTIE HEINTSCHEL	KC5HVT	962-1435
VIVID PEEVEY	KF5CEF	
JOHN HARRINGTON	W5EME	665-6311

MEMBERSHIP INFORMATION

<input type="checkbox"/> FULL MEMBERSHIP.....	\$20.00	
<input type="checkbox"/> ADDITIONAL FAMILY MEMBER....	5.00	(ANNUAL RATES)
<input type="checkbox"/> 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.