



MAY 29, 2011 No.353

MAY

MEETING

The Beaumont Amateur Radio Club will hold this month's meeting, at 7:30 PM Monday, May 30, 2011 at Wesley Methodist Church, 3810 N. Major Drive (at the end of Folsom Drive) in Beaumont. This month's meeting will feature a talk by Steve Gomez, K5EO on radios of World War II and should be very interesting. Also an update on the progress of a second balloon launch attempt.

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The BARN

WORLD WAR II MILITARY RADIO PROGRAM ON TAP FOR THIS MONTHS MEETING

Steve Gomez, K5EO will present a program about military radios of the World War II era. Steve is an Extra class ham who lives in Orange County and works for Entergy Co. He has been involved in many areas of Amateur Radio and will surely make for an interesting and informative club meeting.



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worldwar2database.com

News From ARRL

SB QST @ ARL \$ARLB014

ARLB014 Senate "Companion" Bill to HR 607 Avoids Impacting Amateur Spectrum

ZCZC AG14

QST de W1AW

ARRL Bulletin 14 ARLB014

From ARRL Headquarters

Newington CT May 25, 2011

To all radio amateurs

SB QST ARL ARLB014

ARLB014 Senate "Companion" Bill to HR 607 Avoids Impacting Amateur Spectrum

On Thursday, May 19, Senators Joe Lieberman (ID-CT) and John McCain (R-AZ) introduced S 1040 - The Broadband for First Responders Act of 2011 -- in the Senate. While it has a similar objective to HR 607 -- introduced in February by Representative Peter King (R-NY-3) -- this Senate bill, unlike HR 607, does not call for auctioning any portions of Amateur Radio spectrum. Both bills call for the allocation of the so-called "D block" of spectrum, 758-763 and 788-793 MHz, to facilitate the development of a public safety broadband network.

On learning in February that a Senate version of HR 607 was being drafted, ARRL Chief Executive Officer David Sumner, K1ZZ, met with staff members of the Senate's Homeland Security and Governmental Affairs Committee who were working on the bill to share the ARRL's concerns with regard to HR 607. "They seemed very receptive to our argument and appreciative of the public service contributions of radio amateurs," Sumner said. "It is gratifying to see that S 1040 avoids impacting our spectrum allocations."

Sumner explained that while some media reports are referring to S 1040 as "the Senate version of HR 607," it is important that radio amateurs not oppose S 1040: "There is no reason for us to do so. We support the creation of an interoperable broadband network for first responders. Other than to oppose any method that would impact amateur spectrum use, we do not support one method over another of achieving that objective. We only oppose one aspect of HR 607, not the entire bill."

S 1040 has been referred to the Senate Committee on Science, Commerce, and Transportation, chaired by Senator Jay Rockefeller (D-WV). Senator Rockefeller earlier introduced his own bill, S 28, to address the same general topic. Neither Senate bill would impact amateur spectrum.

On May 19, the Education Office at NASA's Johnson Space Center's notified almost 20,000 US educators about the Amateur Radio on the International Space Station (ARISS) Project. According to ARRL ARISS Program Manager Rosalie White, K1STO, this kicks off the first of a number of new processes that the ARISS US team will put into motion to get educators more involved in the program, which coordinates Amateur Radio contacts between the ISS and educational institutions around the world. Read more [here](http://www.arrl.org/news/nasa-and-ariss-reach-out-to-educators). (<http://www.arrl.org/news/nasa-and-ariss-reach-out-to-educators>)

Surfin': Oh! The Places You'll Go!

By Stan Horzepa, WA1LOU

This week, Surfin' recounts seeing great sights at the Hamvention.

The annual trek to the Dayton Hamvention began mid-morning last Wednesday when the LOU-mobile hit pavement in a westerly direction. Eight hours later, I decided to call it a day, after passing the massive antenna farm of Tim Duffy, K3LR, located on the east side of the Pennsylvania-Ohio border, just south of I-80.

The LOU-mobile hit the road again mid-morning Thursday and pulled into Dayton four hours later. In my youth, I used to drive to Dayton in one shot, but now that my youth is a memory, I split the trek so that I will not be too tired to enjoy Hamvention.

Now that my youth is just a memory, I find it difficult to gauge the age of the current youth -- or anyone under 50. A classic example occurred at the AMSAT/TAPR Banquet Friday night, when I perused the faces of the folks seated at the dais. I knew or knew of most of the faces up there, except one at the extreme right. He looked like a college kid to me, but it turned out he was astronaut Doug Wheelock, KF5BOC. Wow -- did I feel like a boat anchor when he was introduced! By the way, Astronaut Wheelock got up and spoke off-the-cuff for a few minutes about hamming from the International Space Station; he was very entertaining.

Speaking of my youth -- that is when I was a "hacker" experimenting with ham radio hardware and software (mostly software). I don't do much hacking these days, but it is still in my blood and I am always interested in seeing the latest ham radio hacks, which is one of the reasons I am very active in TAPR.

During Hamvention, TAPR president Steve Bible, N7HPR, alerted me about a Sierra Radio Systems ham radio hack called "HamStack." Their booth was right around the corner from TAPR's booth, so I moseyed on over to check it out.

Turned out that HamStack is very cool.

"The HamStack platform is designed to help ham radio operators learn how to design with microcontrollers and program them. A HamStack-based project can be used stand alone or embedded into your own project. The 'ham' part of the name refers to the desire to target the platform to the needs of the ham radio operator. The 'stack' is a play on words that refers to the physical design of the platform with its ability to stack multiple boards together. Stack also refers to the 'software stack' of libraries that are available to make programming easier."

You start with a CPU Board Kit with its Microchip PIC (18F4620) that you program in C or BASIC. Then you can add on other boards as needed to interface your creation to the world. For example, there is a General Purpose IO Board that has eight relays, one analog and four digital inputs, and an RS232/485 interface.

I have to tell you that HamStack got my hacking circulating and I almost bought some kits, but my C programming skills are non-existent and my BASIC skills are rusty.

Hamvention is a place where you meet old friends and acquaintances. Joe Eisenberg, K0NEB, in his signature Cat in the Hat hat is hard to miss and I was glad to renew my friendship with him at the Hamvention. Joe mentioned that his 2011 Hamvention videos would be up on the net shortly after the convention, so visit Joe's YouTube channel and see what Joe saw in Dayton.

I missed W4KAZ at Hamvention because Kaz missed the Hamvention, but he put together a collection of links so that anyone who missed the event or anyone who attended the event and missed something may be able to find it on his Vicarious Dayton Hamvention 2011 website.

Until next time, keep on surfin'!

Local Happenings

rich.hudgins@gmail.com, Christian Holidays, US Holidays Jun 2011 (Central Time)

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

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. 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)*#
 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) Down

* 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		
(1) straight key	Fair				
Co-Axial Cable Lightning Arres-tor (mfg. c. 1975)	(???) Sealed - looks good.	(Incl.†)		2	5

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.

Power-steering fluid is the hydraulic fluid that transmits the power in power steering. Servicing it involves draining or flushing out your car's old power-steering fluid and then adding fresh power steering fluid.

The fluid is the cheapest component of your power-steering system. Changing it can help to prolong the life of other, more expensive power-steering components such as the power-steering pump and the stratospherically expensive power-steering rack.

Thanks to LB Little, WB5YDA

