



# TARC Bulletin



W5LM Repeaters:

146.820- MHz (PL 123.0) — 444.700 MHz (PL 123.0)

www.tarc.org

October 2009

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# HamEXPO! is Oct. 3

The final edition of HamEXPO! for 2009 is Oct. 3 at the Expo Center in Belton. It is not too late to help with the event, or at least to attend.

We need the usual complement of helpers to collect attendance fees, help set up tailgaters and commercial vendors, collect fees from parking lot tailgaters, distribute sack lunches, handle door prize drawings, man the 2-meter radio onsite, take fees from walk-in vendors, and other tasks as they occur.

If you can take part, please contact Mike

WA5EQQ, Darwin K5DOA, or Myron N5TFK. Your help is vital to the success of this event. Despite shortages of personnel each time, we manage to pull it off. However, with a few more "warm bodies" the work load would be eased for the "faithful few." Your participation really does matter.

Check the website at www.tarc.org for the latest on EXPO. You'll also find a questionnaire for offering your help. And we Thank You.



Steve Bosshard, NU5D, reports a scheduled D-STAR contact between St. Mary's School in Temple and St. Mary's School in Deal, Kent, UK and < <http://www.stmarys-temple.org/> >.

St. Mary's in the city of Deal is a mixed sex urban primary school and has about 204 pupils, with 92 boys and 112 girls. We will set up an Amateur Radio voice communications link using D-STAR Technology between the two schools to enable the students to share comments and questions.

The Temple side will be at St. Mary's School, 1019 South 7th Street, 254-778-8141, at 9 a.m. in Ms. McIntosh's math class.

The date is Monday, October 5.

The point is to promote Amateur Radio in Education and International goodwill.

DV Dongle listeners should monitor /K5CTX C. Local FM 146.720. (Possibly on reflector 4B or 13A - not definite).

Questions? Call Steve NU5D at 254-624-4230, or by email to bosshard@gmail.com .

## At Our Next Meeting

**Oct. 1 is the date for our next TARC meeting. The program is "HamEXPO! — It's Now or Never."**

**Plus details on the Temple to UK school QSO via D-STAR, by Steve Bosshard, NU5D.**

**Plus, you'll find great camaraderie and tasty refreshments. Join us on Oct. 5 at 7:00 p.m. at Western Hills Church of Christ in Temple.**

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# ARRL: A PROUD HISTORY OF DEFENDING AMATEURS' RIGHTS

The fall operating season is just around the corner. Whether it's because radio conditions improve or just because attention returns to indoor pursuits as the days get shorter, on-the-air activity always picks up at this time of the year.

Do you operate on 40 meters? "If you haven't been on the band lately, you're in for a real treat!" said ARRL Chief Executive Officer David Sumner, K1ZZ. "Years of patient effort by the ARRL and by our sister members of the International Amateur Radio Union (IARU) have paid off. The band is more useful now than it's been in more than 70 years. When you think of 40 meters, you probably think of interference from foreign broadcasters. Here in the Americas, amateurs always have had access to 7,000-7,300 kHz - but we had to tolerate broadcasters in the rest of the world in the upper two-thirds of the band."

Sumner said he can recall the "futility" he felt as a 13-year-old Novice, "trying to make myself heard through the racket with just two crystal-controlled transmitting frequencies to choose from. I remember taking the crystal holders apart and putting pencil lead on the crystals in a vain attempt to slip in between the broadcasting behemoths." At the 2003 World Radiocommunication Conference (WRC-03) -- 40 years later -- he had the privilege of being present in Geneva when it was agreed that amateurs had made the case for a wider worldwide amateur band, free of broadcasting interference." For the first time in the history of radio communication, an HF broadcasting allocation would be shifted in order to accommodate the needs of another radio service -- the Amateur Radio Service!

Sumner called the WRC-03 decision "very gratifying," but said an important question remained: Would the broadcasters really move? "The International Telecommunication Union has no enforcement authority," he explained, "and operation in contravention of the international Radio Regulations is not exactly unknown. In fact, the transition turned out to be quite dramatic. On the last weekend of March, on Friday evening 7,100-7,200 kHz was full of broadcasters as usual -- but as the new seasonal broadcasting schedule took effect on Saturday night the band cleared of all but a few. For the very first time our overseas

friends could hear us on 40 meter phone without having to breach the wall of broadcasters! Over the past six months the situation has continued to improve as more broadcasters have complied with the WRC-03 decision. Night-time operation above 7,200 kHz remains a challenge, but it's not an exaggeration to say that 40 meters is **160-Meter Frequency** is **back**."

Sumner explained that moving hundreds of broadcast transmitters in dozens of countries out of a band didn't just happen: "It took years of patient effort by a global team of volunteers and ARRL professionals working with the IARU, to overcome objections and marshal the necessary support. It was an expensive undertaking, and it never could have been accomplished without the voluntary contributions - above and beyond their basic dues - of thousands of ARRL members."

Even as we celebrate our reborn 40 meter band, Sumner said that we, as amateurs, must remember that it takes hard work just to hang onto what we have. "As much as we like to pursue new and improved ham bands, most of our effort must go toward frequency defense," he said. "Every day, new uses of the radio spectrum are being conceived. Each one competes for spectrum access with incumbent radio services, including ours. Not only must we defend our allocations against well-heeled backers of licensed services, we must also try to prevent the pollution of the radio spectrum by unlicensed devices. The fight goes on in Washington, Geneva and around the globe -- and there's no end in sight."

Decisions for WRC-12 are being made now that will determine how many administrations -- including the United States - will support a new secondary allocation to the Amateur Service at 500 kHz, and whether proposals for allocations to oceanographic radars will threaten some of our existing HF bands. "We are hard at work meeting these challenges, but we need your help," Sumner said, in asking for support for the ARRL Spectrum Defense Fund. "Members' past response helped us to keep commercial satellites out of the 144 and 420 MHz bands, to gain access to frequencies around 5 MHz, and to win our court challenge of the FCC's flawed Broadband over Power



## KEY CLICKS FROM THE ARMADILLO

### W1AW Will Use New 160-Meter Frequency

### TARC Ham Radio Classes Begin March 24

...Services for Eugene Friesenhahn, KA5IHZ were held at the Temple Harper Talasek funeral home on Saturday, Sept. 26, 2009. He passed away on Sept. 12. Following a short service, the family hosted a luncheon to greet guests. Randy KA5IHA says, "From Mother, my sister Judy, and I, we would like to thank you for all the prayers, kind words, and support in this difficult time for our family."

...TARC Bulletin is distributed to most members in an online digital edition in pdf format. If you need a printed copy, notify John KE5C or Mike WA5EQQ.

...Most weekdays and Saturdays, area hams meet for coffee at McDonalds' at IH-35 and Adams Ave. from 9:30 to 11:00 a.m. Everyone is invited, so come on by and add your 2-cents' worth.

...Dates to Remember: Next year's spring HamEXPO! is April 17, 2010. The fall date is Oct. 2, 2010. Mark your calendar now.

...TARC Net — Mondays at 7 p.m. on 146.820 MHz (PL 123.0). Get the net habit.

...See you on at the TARC meeting on Sept. 3.

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# Fall '09 Ham EXPO! Is Oct. 3



The Fall Belton HamEXPO! is set for Saturday, Oct. 3, 2009, which is right now.

Every TARC member is needed in order to have proper staffing at HamEXPO! Are you setting aside an hour or more to assist in keeping this event a top-notch Ham swapfest? These aren't just words—the rest of us are counting on you to help!

If you plan to help, please complete the online form on TARC's homepage at [www.tarc.org](http://www.tarc.org). It's not too late to offer your services. Or call Mike WA5EQQ at 254-773-3590, or email your intent and contact info to [expo@tarc.org](mailto:expo@tarc.org)—right now.

## Top Three Doorprizes for HamEXPO! On Oct. 3

Kenwood's TMD-710A has many of the features everyone has been waiting for . . . .



The control head is detached and comes with remote cable for easy installation. The TM-VD710A is a true dual-band operation

radio so VHF+VHF/VHF+UHF/UHF+UHF operation is possible. High RF Power Output (50W). 1,000 Multifunction Memory Channels. Dual Receive on Same Band (VxV, UxU). EchoLink® MEMORY (Automatic Dialer). EchoLink® Sysop Mode For Node Terminal Operation...& more.

**Yaesu FT-7900R  
2 Meter / 70 cm Dual  
Band FM Transceiver**



**With Exceptionally  
Wide Receiver Coverage**

The FT-7900R provides 50 Watts of power on the 144 MHz band, and 40 Watts on the 430 MHz, and is designed for simplicity of operation along with high performance in the receiver section. The FT-7900R is ideal for the active Ham who has a need for simplex, repeater, or FM satellite operation on both bands, but without the complication of cross-band repeat capability, which is available on the FT-8800R and FT-8900R models.

Yaesu's FT-60R, the company's newest 144/430 MHz 5-Watt FM Hand-held was introduced at Dayton 2004. The FT-60R includes wide receiver coverage, outstanding audio quality, the most CTCSS/DCS flexibility in the industry, and a new Emergency Automatic Identification (EAI) feature for search-and-rescue work.




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## ARRL's ongoing mission to protect our spectrum

*(Continued from page 2)*

Lines (BPL) rules. New challenges keep cropping up. Currently we are working to ensure that new short-range medical devices do not impact our ability to use our UHF and microwave bands."

To help in the ARRL's ongoing mission to protect our valuable spectrum, please visit the Spectrum Defense area on the

ARRL Web site <<https://www.arrl.org/forms/fdefense/>>. You can also reach ARRL Chief Development Officer Mary Hobart, K1MMH, at 860-594-0397 or via e-mail <[k1mmh@arrl.org](mailto:k1mmh@arrl.org)>. Special gifts are being offered for contributions, including a mug and pin. More details on thank you gifts can be found on the donation form for the Spectrum Defense Fund.

—via *The ARRL Letter*, Sept. 24, 2009

# TARC Bulletin

Temple Amateur Radio Club, Inc.  
P.O. Box 616  
Temple, TX 76503

Temple Amateur Radio Club meets the first Thursday of each month from 7:00-9:00 p.m., at the Church of Christ in Western Hills, 210 N. General Bruce Dr., in Temple—across I-35 from Starbucks Coffee. Refreshments are served, and guests are invited and welcome!

First Class Mail

## W1AW Will Use New 160-Meter Frequency

Address Label  
**TARC Ham Radio  
Classes Begin March 24**

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## AMATEUR RADIO

### N5TD ESTATE SALE AT HAMEXPO HANDLED BY RON, AA5RT

BIRD 43 METER W/10E/100E/500H \$275.00  
BIRD 43 METER W/25D/100D/250D \$275.00  
BIRD 43 METER W/10C/100C/500C \$275.00  
BIRD 43 METER W/10C/100C/500C \$275.00  
ICOM IC-2820 DUALBAND D-STAR \$700.00  
ICOM IC-91AD HT DUALBAND D-STAR \$300.00  
ICOM IC-910H VHF/UHF/1.2 GHz \$1400.00  
ICOM IC-821 VHF/UHF \$700.00  
ICOM ID-1 1.2GHz \$875.00  
KENWOOD TS-570D HF \$575.00  
KENWOOD TS-680S HF & 6 METERS \$550.00  
MIRAGE B1016G 160 WATT VHF AMP \$225.00  
MIRAGE D1010 100 WATT UHF AMP \$175.00  
RADIOSHACK 25 AMP POWER SUPPLIES (3) \$62.00 EA.  
SEC 14 AMP POWER SUPPLY \$45.00

TEN-TEC JUPITER HF 160-10 \$1150.00  
TRIPP-LITE 10 AMP POWER SUPPLY \$35.00  
YAESU FT-847 HF/VHF/UHF 6 METERS \$950.00  
BUTTERNUT HF ANTENNA 80-10 \$125.00  
CUSHCRAFT MN7000 40-10 METERS (2) \$150.00 EA.  
HENRY 1KD-5 DESKTOP HF AMP 80-10 METER \$1050.00  
RFPOWER LABS ALLMODE 350WATT VHF AMP \$495.00  
WALT 30 AMP W/METERS POWER SUPPLY \$120.00

Ron's tables with Charlie's estate items will be indoors on the "western" side of the building near the large door.

