



TARC Bulletin



W5LM Repeaters:

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

www.tarc.org

July 2010

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Field Day, 4th of July Parade, & Museum Demo Highlight Month

Field Day is quickly approaching as I write this article. Invitations have been extended to all Amateur Radio operators in the Bell County/Ft. Hood areas through the Central Texas ARC and Cove Repeater Association, and to all soldier and civilian Amateur Radio operators on Ft. Hood through an Email invitation. All TARC members are encouraged to stop by and join in Field

day at the Texas Early Day Tractor & Engine Show Grounds in Temple (1717 Eberhardt Rd.). Who knows, you may renew an old friendship or make a new one. A Bar-B-Q dinner will be served at 5:00 p.m. Don't forget that Darwin K5DOA needs help with setup on Saturday morning at 9:00 a.m. and tear

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Christmas in July

The calendar may say it's time for the Fourth of July, but for TARC it is definitely Christmas time. We have acquired some new radio goodies and you are invited to the unveiling at our meeting on July 1.

Your club is now the proud owner on an Icom IC-7200 HF + 6M transceiver, an LDG 4 to 1 balun, an Icom IC-880H D-Star Mobile rig, and an LDG IT-100 tuner and an MFJ 4125 power supply (these last two items are for use with the club's existing Kenwood TS-570 HF transceiver).

The new gear will be demonstrated and on display at the July club meeting (be sure to be there so you can properly drool over these items). They will be put to work on Field Day.

Thanks to Darwin K5DOA for shopping for the equipment, which was purchased with proceeds from HamEXPO!

At Our Next Meeting

The program for the July 1 club meeting will show off the new rigs and other gear that TARC just got. Darwin K5DOA will demo the rigs. It starts at 7:00 p.m.—mark your calendar now! What topic would you like to see covered in a TARC program? Bring your ideas. See you at Western Hills Church of Christ at 7 p.m. on July 1.

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down on Sunday morning. Please let him know if you can help.

A big thanks to Ron W5WRE and Darwin K5DOA for representing TARC at the Railroad and Heritage Museum Family Day. They set up an Amateur Radio display with ARRL handouts. Darwin set up a digital mode HF station to demonstrate the latest in new operating modes.

Do not forget the Belton 4th of July Parade. Darwin needs some volunteers to help with lining up the 300 or so organizations that make this parade so enjoyable. Unlike some other events we support during the year, this is also a hands on communications event that requires the use of our Ham communications skills. Be sure and bring your 2M handhelds. This event is a lot of fun. I have participated the last few years and have had a great time helping and seeing the floats up close.



Field Day Facts for 2010

Local “hams” joined with thousands of Amateur Radio operators in showing off their emergency capabilities last weekend. Over the past year, the news has been full of reports of ham radio operators providing critical communications during unexpected emergencies in towns across America including the California wildfires, winter storms, tornadoes and other events worldwide.

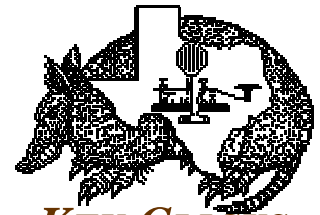
During Hurricane Katrina, Amateur Radio – “Ham Radio” – was often the ONLY way people could communicate, and hundreds of volunteer “hams” traveled south to save lives and property.

Amateur Radio provided communications for search and rescue during the recent flooding in Arkansas and Oklahoma. When trouble is brewing, Amateur Radio ops are often the first to provide rescuers with critical information and communications. On the weekend of

June 26 - 27, the public had a chance to meet and talk with ham radio operators from Temple, Belton, Killeen and other Central Texas communities and see for themselves what the Amateur Radio Service is about. Showing the newest digital capabilities, voice communications and even historical Morse code, hams from across the USA and here in Temple held public demonstrations of emergency communications abilities.

This annual event, called Field Day, is the climax of the week long "Amateur Radio Week" sponsored by the ARRL, the national association for Amateur Radio. Using only emergency power sources, ham operators constructed emergency stations in parks, shopping malls, schools, fair grounds, and backyards around the country. Our slogan, "When All Else Fails, Ham Radio Works" is more than just words to hams as we prove we can send messages in many forms without the use of phone systems, Internet, or any other infrastructure that can be compromised in a crisis. More than 35,000 amateur radio operators across the country participated in last year's FD event.

In the Temple area, the Temple Amateur Radio Club, the Central Texas Amateur Radio Club, the Copperas Cove Repeater Association, plus soldier and civilian hams from Fort Hood demonstrated Amateur Radio at the Texas Early Day Tractor and Engine Association's show grounds. There are over 650,000 Amateur Radio licensees in the US, and more than 2.5 million around the world.

KEY CLICKS FROM THE ARMADILLO

...TARC is the proud owner of a new HF rig and other new gear. Read about it on page 1, and twirl the dials at the demo at the club meeting on July 1.

...Field Day was June 26-27 at the Texas Early Day Tractor & Engine Association grounds. See related items in this *Bulletin*.

...Belton's Fourth of July parade is next. This year's parade will be on Saturday, July 3. You are needed. Contact John WB5BFS or Darwin K5DOA to offer your services. Plan to participate.

...TARC *Bulletin* is distributed to most members in an online digital edition in pdf format. It's posted on the TARC website and on the *Yahoo Discussion Group* site. If you need a paper copy, notify Mike WA5EQQ.

...Weekdays and Saturdays, Hams meet for coffee at McDonalds' at IH-35 and Adams Ave. from 9:30 to 11:00 a.m. Come by and add your 2-cents' worth. Do drop in.

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

...See you July 1 at 7:00 p.m. at the Church of Christ in Western Hills for our next TARC meeting. Join in the fun.

Frequency Allocation Chart Available

Information about the US Amateur Bands is available in text form and as the one-page chart shown here in low-resolution form. You are welcome to download and print out the chart for your personal use.



Printing the chart

The chart is available as an Adobe Portable Document Format (PDF) file in color or black and white.

We recommend using the black and white version if you do not have a color printer. You will need a copy of Adobe *Adobe Reader*, which you can get from Adobe for free at www.adobe.com/products/reader/. (Besides, you'll probably run across other PDF documents on the Web.) The frequency allocation chart is found at www.arrl.org/graphical-frequency-allocations/. It is available in a Color version, a Black and White version, and a text-only version.



Code Proficiency Certificate

Are you up to the challenge of evaluating your Morse code ability through the ARRL Code Proficiency program?

Copy one of W1AW's qualifying runs and submit one minute of solid copy (legible), along with your \$10 fee for a certificate, to W1AW Qualifying Run, 225 Main Street, Newington, CT USA 06111.

Your submission will be checked directly against the official W1AW text, and if you pass, you'll get your initial Code Proficiency certificate. From then on, endorsement stickers, for a \$7.50 charge, are issued for speeds up to 40 WPM. The W1AW Code Proficiency Program is open to both hams and non-hams alike!

Morse Code Transmissions

Frequencies are 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz.

Slow Code = practice sent at 5, 7-1/2, 10, 13 and 15 words per minute (wpm).

Fast Code = practice sent at 35, 30, 25, 20, 15, 13 and 10 wpm.

Code practice text is from the pages of QST magazine, the League's membership journal. The source is given at the beginning of each practice session and alternate speeds within each session. For example, "Text is from January 2010 QST, pages 79 and 81," indicates that the practice session's plain text is from the article on page 79 and its mixed number/letter groups are from page 81.

Code bulletins are sent at 18 wpm.

CW frequencies include code practices, Qualifying Runs and CW bulletins.

World Wide Web: You can also find W1AW code practice on ARRLWeb, in MP3 format. Other resources can be found on the ARRLWeb Learn CW page.

W1AW Qualifying Runs are sent on the same frequencies as the Morse code transmissions. West Coast Qualifying Runs are also transmitted monthly by either K6YR on approximately 3590 kHz, or other West Coast stations on various frequencies. At the beginning of each code practice session, the schedule for the next qualifying run is presented. Underline one minute of the highest speed you copied, certify that your copy was made without aid, and send it to ARRL for grading. Please include your name, call sign (if any) and complete mailing address.

Any Time Is 'Ham-Mertime' For One Man:

by thonline.com on 6/22/2010

Amateur radio operators are dedicated to staying connected with the world. By day Colin Wheatley works as an...editor for McGraw-Hill publishers, but by night he loses himself in the...hobby of "ham" radio.

Wheatley, a self-taught ham, has been a member of the Great River Amateur Radio Club for 15 years. "I've been interested since I was in grade school," said Wheatley. "I... always wanted to get into amateur radio, so when my kids were grown, I decided to go for it. I enjoy the camaraderie and making connections all over the world." The [club's] 50 members...voluntarily provide... communications...during times of emergency. Amateur radio has been popular since the...1900s, when it began as Morse Code.... Members also use...voice communication, digital...communication, and slow-scan television. The term "ham radio" refers to amateur radio, although Wheatley says there's nothing amateur about it. "A lot of discoveries with the modern radio came from messing around with the mechanics of amateur radio," said Wheatley. "These 'hams' are very professional."

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



WHEN ALL ELSE FAILS...

T-shirts, stickers, patches, keychains, and more.

These items are a great reminder that Amateur Radio provides immediate, high-quality communications that work every time, when all else fails.

www.arri.org/shop

