

**The Central Texas Amateur Radio Club
meets the first Tuesday of each month at 7:00 PM at the
Bell County Communications Center, 798 West Avenue O, in Belton**

From the Editor's Desk...

Rick Murray, K6WXA

I don't know what it is about the month of November... ever since I started doing the newsletter November, – any November – has always been the hardest month to put the newsletter together. Past November issues that have gone out with their lengthy content, have all been a result of luck – trust me. This one is different though, it's quite a bit shorter than usual, and it can't be helped. November is a "jinx" month... there's just nothing going on to put in a newsletter. Next month will be better, I promise.

Staying on the subject of the newsletter, I've been asked a question several times that I'd like to answer here. By now, everybody knows that at the end of the year, I'm stepping down as Secretary. I keep getting asked if I'll still be doing the newsletter. Yes, rest assured one position has nothing to do with the other. Besides, I'm having too much fun doing the newsletter – except in November. Hi-Hi!

On November 4th, at 7:00 PM, CTARC will hold its annual General Membership Meeting at the Bell County Communications Center. On the agenda are the elections of club officers for the coming year. Several positions are up for election / re-election. At the October 7th monthly meeting, the Nominations Committee presented its slate of candidates for nomination to their respective positions. The 2015 election ballot listing those nominee's for the positions to be voted on, was emailed out on October 11th. If you cannot attend the meeting, please print this form out, mark your selection of candidates and mail in the ballot to the clubs P.O. Box. It is also recommended that you print-out the form and bring it with you for submission at the meeting. Please mark the appropriate box next to the candidate's name being considered for office or write-in your alternate choice of a candidate. You can also nominate yourself, if you desire.

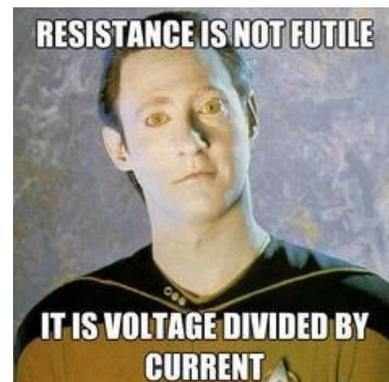
Nominations will also be accepted from the floor.

As everyone knows, our weather will soon change. Be prepared for it, and make preparations for it both at home and while on the road. Allow for extra time while traveling and take warm clothing along with you in your travels.

Hope to see you all at our next meeting on November 4th as well as on the weekly nets.

Happy Thanksgiving everybody!

- 73 de Rick, K6WXA





Thanksgiving is a wonderful holiday tradition filled with family, friends, and good food.

During the war years, everyone tried to save money and resources during Thanksgiving. Jack Benny scrimps to the point where he considers buying a canary instead of a Thanksgiving turkey. George Burns and Gracie Allen go over the family budget with a great speech from George about buying less so the troops have more. To save money, Gracie buys the family a turkey for Thanksgiving; the only problem is that it's still alive and gobbling. *Command Performance* gives a rousing holiday presentation for the troops with Dinah Shore. After the War, you can bet Jack Benny keeps his penny pinching ways during the holidays. And a meek man looks to Sam Spade for help as someone is trying to kill him on Thanksgiving Day. His name? Tom Turkey.

Please enjoy these 100 Thanksgiving themed old time radio shows free to download or just listen to in streaming audio from the Thanksgiving Collection. Gobble them up with your friends and family by visiting:

<https://archive.org/details/100OtrThanksgivingHolidayShows>





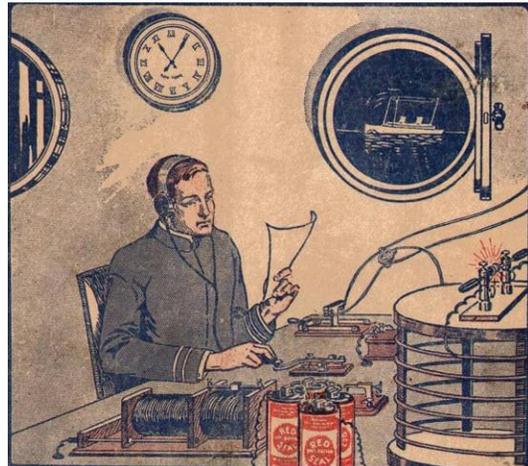
The Central Texas Amateur Radio Net meets every Thursday at 8:00 PM on the N5ZXJ repeater, on 145.310(-) PL 123.0
Join Us!

November NCS & Back-Up NCS Schedule

November 6 th :	November 13 th :
Net Control: AD5SK	K6WXA
Back-Up: K6WXA	W5GNK

November 20 th :	November 27 th :
Net Control: W5GNK	- No Net -
Back-Up: KF5OHR	Thanksgiving

Daylight Saving Time Ends



Daylight Saving Time ends Sunday, **November 2nd** at 2:00 AM. Be sure to set your clocks back one hour before going to bed the preceding Saturday night.



SSB Sweepstakes Contest

Contest period runs from 2100Z, Nov. 15th to 0300Z, Nov. 17th on 160, 80, 40, 20, 15 and 10 Meters SSB.

For more information, please visit:
www.arrl.org/sweepstakes



'Dump Cookie Bars'

Jan Gregg, W5GNK

These are so easy, just like the name says, just dump it all together and bake. So easy and sooooo good. My boys really like them.

3/4 cup butter (1-1/2 sticks)
1-3/4 cups vanilla wafer (about 50) crushed.
6 tablespoons Hershey's cocoa
1/4 cup sugar
1 can Eagle brand milk
1 cup Hershey's dark chocolate chips
3/4 cup Heath Bits
1 cup chopped walnuts

Heat oven to 350° and melt butter in 13"x9" pan in the oven. Combine crumbs, cocoa and sugar; sprinkle over melted butter. Pour Eagle brand milk evenly on top of crumbs. Top with chocolate chips and Heath Bits, then nuts; press down firmly. Bake 25 to 30 minutes or until lightly browned. Cool completely in pan on wire rack and cut into bars. Makes about 36 bars.



Radio Exterior de Espana Abandons Shortwave

Thomas Witherspoon, K4SWL

Another "big-gun" in radio has left the shortwave bands. Radio Exterior de Espana, also known as REE, and previously known as Radio Nacional de Espana, has apparently abandoned the shortwave bands on October 1st.

There was an announcement made on their website that Radio Exterior de Espana would cut all shortwave radio broadcasts on the 15th of October, but apparently things there moved two weeks ahead of schedule.



QSL card from REE from their 70th anniversary in 2012

Until its exit from the shortwave bands, REE's intended broadcasts were for Spaniards living abroad. Their English language broadcast service operated Sunday mornings on 6.055 MHz at 00:00 UTC and was considered to be Spain's equivalent to the BBC's World Service.

You can still listen-in to their English language service which is available on the net in streaming audio, by going to: <http://tunein.com/radio/Radio-Exterior-de-Espana-in-English-p473543>

Anytime in radio that you can reach somebody on an emotional level, you're really connecting.
- Casey Kasem

Actor Tim Allen Gets His Ham Ticket

Actor and comedian Tim Allen now not only plays an Amateur Radio operator on television, he *is* one! Allen got his Technician Class license on September 4th, and is now **KK6OTD**. But he had not immediately released the news after getting his call. In his weekly ABC comedy TV show “Last Man Standing,” Allen plays character ‘Mike Baxter’, a ham operator with the fictitious callsign of KAØXTT, and the show has featured ham radio in several episodes.



The ARRL VE team that administered Tim’s test consisted of AA6RA, N6QJ and N3JF. The producer of “Last Man Standing” is also a ham - NN6JA.



Mark your calendars and plan ahead... Reservations have been made – so come one, come all to CTARC’s annual Christmas dinner get-together December 2nd at 7:00 PM at Texas Land & Cattle in Killeen.

More information will follow in the December issue of the newsletter.

Your presence is wanted and invited!

 **Free Stuff!** 

Cushcraft AR270B Antenna

This is a 2 Meter / 440 MHz base antenna in good working order.



This was donated some time back and is still looking for a good home. Contact Rick, K6WXA at k6wxa@yahoo.com



A group of French operators will be active from Tromelin Island as **FT4TA** through the 10th of November. QSL via F5CWU.

DF2WO will be active from Burkina Faso 17 November - 2 December as **XT2AW**. QSL via MØOXO.

FK8IK will be active from the Chesterfield Islands 5-9 November as **TX5C**; D'Entrecasteaux Reefs 14-17 November as **TX5E**; Belep Islands 21-24 November as **TX5B** and also as **FK8IK/MM**. QSL via his home call.

The Italian DXpedition Team will be active from Benin, using the callsign **TY1AA** between November 20th to the 30th. QSL via I2YSB.

DL7VOA will be active from Grenada Island 22 November - 6 December as **J34O**. QSL via his home call.

HI2DX will be active from Saona Island between November 19th and the 23rd. QSL via MØURX.

LW9EOC will be operational from San Andres Island as **5KØZA** between November 26th and December 9th. QSL via his home callsign.

DL7DF will be on holiday in Senegal between November 1st and the 13th and plans to be on the air **stroke 6W**. QSL via his home callsign.

K9EL will be operational **stroke FS** from St. Martin between November 20th and December 2nd. QSL via his home callsign.

ZS1ANF, RD3MX and UA1PAW will be active as **RIIANR** from the Novo Runway Airbase in Antarctica between November and March 2015. QSL via RK1PWA.

K2HVN will be active **stroke VO9** from Bermuda, from November 3rd to the 10th. QSL via his home call.

S5ØO will operate as **IO9/S5ØO** from Lampedusa Island, until the end of the month. QSL via his home call.

DL7VOG will be active from Saint Lucia Island 8 November-5 December as **J6/DL7VOG**. QSL via his home call.

DK9PY will be active from Jamaica 26 November-17 December as **6Y6N**. QSL via his home call.

K5WE will be active from Sint Maarten Island through November 2nd, signing **stroke PJ7**. QSL via his home callsign.

JS3LSQ will be active from Micronesia through the 4th of November as **V63WJ**. QSL via his home call.

JG8NQJ is in operation **portable JD1** from Marcus Island in the Minami Torishima island group until mid-December. Activity will be limited to 17, 15, 12 & 10 meters CW. QSL via JA8CJY.

JR3MVF, F5RPB, ET9ESZ and DJ6US will be operating as **V84YL** from Darussalam, Brunei from November 5th through the 10th or the 12th. QSL via DJ6US.

CEØZ/CE5WQO will be on the air from the Juan Fernandez Islands, 19-27 November. QSL via KA3LKM.

GØCKV will be active from Rodrigues Island 16-24 November as **3B9HA**. QSL via his home call.

N7OHU is active as **E51NOU** from Rarotonga in the South Cook Islands through November 9th. QSL via his home call.

F6ICX will be active as **5R8IC** from Saint Marie Island between November 3rd and December 12th. QSL via his home call.

A Portuguese amateur radio club will be active on 8 November from 08:00 to 17:00 UTC, in observance of the 96th Anniversary of Armistice Day, as **CS2ARM96D**. QSL as directed.

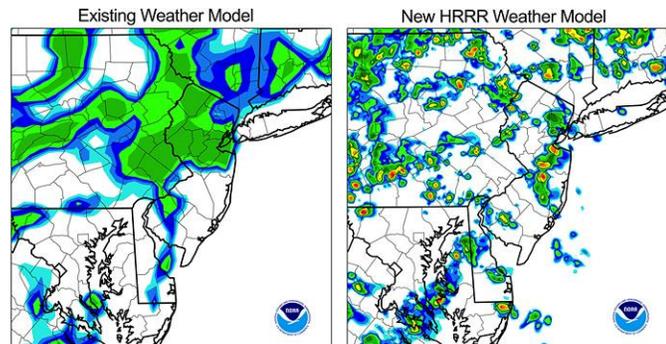


HRRR Modeling

This radar modeling solution has been in test for several years and has been kind of hit and miss on availability. Now they are releasing it to production for anyone to use.

Today, meteorologists at NOAA's National Weather Service are using a new model that will help improve forecasts and warnings for severe weather events. Thanks to the **High-Resolution Rapid Refresh (HRRR) model**, forecasters will be able to pinpoint neighborhoods under threat of tornadoes and hail, heavy precipitation that could lead to flash flooding or heavy snowfall and warn residents hours before a storm hits. It will also help forecasters provide more information to air traffic managers and pilots about hazards such as air turbulence and thunderstorms.

Developed over the last five years by researchers at NOAA's Earth System Research Laboratory, the HRRR is a NOAA research to operations success story. It provides forecasters more detailed, short-term information about a quickly developing small-scale storm by combining higher detail, more frequent radar input and an



advanced representation of clouds and winds. The HRRR model forecasts are run in high resolution every hour using the most recent observations with forecasts extending out 15 hours, allowing forecasters to better monitor rapidly developing and evolving localized storms.

Hyper local forecasts are possible with the HRRR because of higher resolution. The HRRR's spatial resolution is four times finer than what is currently used in hourly updated NOAA models offering a more precise prediction of a storm's location, formation, and structure. Using the HRRR, forecasters have an aerial image in which each pixel represents a neighborhood instead of a city. This increase in resolution from eight to two miles is a game-changer.

The HRRR starts with a full 3-D picture of the atmosphere one hour before the forecast and then brings in observations from surface stations, commercial aircraft, satellites, and weather balloons to create a more detailed and balanced starting point for the forecast. Another key innovation for the HRRR is adding in radar data every 15 minutes during that hour to help the model "know" where precipitation is ongoing. Integrating atmospheric data gathered before a model run, including radar data at a two mile resolution, provides a more accurate picture of what is happening in the atmosphere at the start of the forecast. With this information forecasters can better anticipate and predict the onset of a storm and critical details of its evolution, allowing for earlier watches and warnings.

- Thanks to K5TBS for contributing this information.

Underwater Submarine Telegraphy

Radio Amateur News - November, 1919

A practical demonstration of what an American submarine can do in war in respect to maintaining communication when submerged was given in the Hudson River, New York, N. Y., off 96th Street.

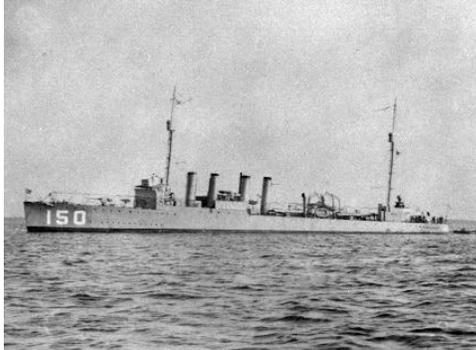
Submerged at a depth of fourteen feet and making headway at five miles an hour, the *U.S.S. H-2* {SS-29} callsign: NYD, commanded by Lieutenant Commander Clark Withers, communicated flawlessly with the destroyer *U.S.S. Blakely* {DD-150}, callsign: NIQZ, thereby establishing a record as the first submerged craft to actually communicate.

Transmission was possible up to 100 miles;



U.S.S. H-2 circa 1922

however, reception may be effected from several thousand miles. While the H-2 was submerged, the periscope was in play from left to right to avoid ramming boats going up and down the river. The test lasted five minutes.



U.S.S. Blakely circa 1919

A somewhat similar experiment was carried on at New London, Conn., in Long Island Sound, by the experimental station. Communication was established, both telephonic and telegraphic, between a hydro - airplane flying about 2000 feet in the air and a submerged submarine several fathoms under the sea.

This demonstration was given for the delegates to the Annual Convention of the Edison Society of Electrical Engineers being held at eastern points.

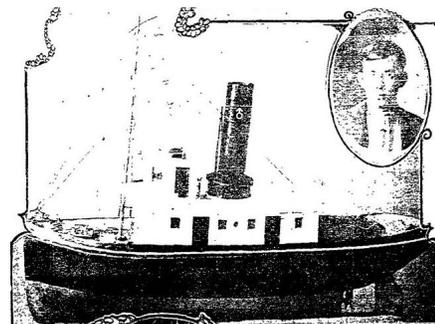
The Naval Experimental Station at New London, CT., was established in 1919 and was associated with Anti-Submarine Warfare and to develop techniques to combat the "new U-boat" threat.

Boy Genius Operates Boat by Wireless

The Los Angeles Times, - November 8, 1907

Mars F. Baumgardt is an interesting young man with an even more interesting project: a radio-controlled boat. Although many students' projects are on display at the 30th Street School, it is the boat controlled by wireless telegraphy that interests The Times.

"As nearly as a layman in the rudiments of electricity can understand the proposition, the scheme is about as follows, in brief: The current sent to the boat by wireless is conveyed into a lower compartment, and is the means of setting a clock. This clock in turn moves two levels, sending the boat in a given direction," The Times says.



16 year old Mars Baumgardt and his boat