

**The Central Texas Amateur Radio Club
meets the first Tuesday of each month at 7:00 PM at the
Bell County Communications Center, 708 West Avenue O, in Belton**

Terry's Telegram...

Terry Evans, KF5OHR

This past October 6th was the ever popular HamExpo! A great number attended the event, and many took their Amateur Radio tests and either earned their license, or upgraded their existing license. For the new licensee's, one question you might have is, "What should I say?" and the answer to that is simple: Share what excites you, what makes you tick, what is of interest to you, what challenges you, what things you've learned, what mistakes you've made - sometimes, the greatest lessons in life are learned through the mistakes of others. Share what activities you've got planned, or what projects you're contemplating - your ideas may be the "light bulb" that the next guy didn't think of. It doesn't have to be complicated.

None of us are professional broadcasters. We have different levels of experience, different interests, different skills and different story telling abilities. Don't let that deter you from making your own contribution. Broadcast about what you've been up to.

Whether you're an experienced radio amateur or just a beginner, old or young, thanks for being here and thanks for joining us. The hobby of Amateur Radio, wouldn't be complete without contributions from radio amateurs like yourself. We look forward to your company next time we meet, whether in person, or on-the-air.

Tuesday, November 6th is our annual General Membership Meeting where, amongst other things, we'll be electing club officers for the coming year. Up for election / re-election, are the positions of President, Vice President, Secretary, Treasurer and one Board Director. It's always good to bring new blood to the board, and nominations will be accepted from the floor at our next meeting. I hope you will join us at this important meeting, which will be at 7:00 PM, at the Bell County Communications Center.

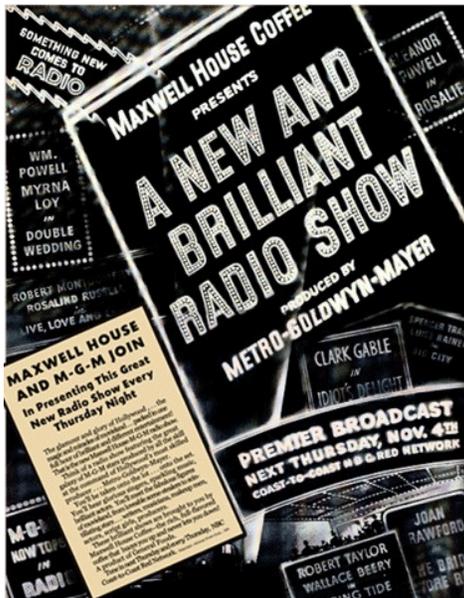
Until then, if I don't get the opportunity to see you, or talk to you on the air, I'd like to wish each of you a Happy Armistice Day; Happy Veterans Day and of course, Happy Thanksgiving!

73, Terry - KF5OHR





"Maxwell House Coffee presents,
Good News of 1938."



Good News of 1938 was broadcast over NBC from November 4, 1937, until July 25, 1940. As the years changed, so did the title, becoming *Good News of 1939* and *Good News of 1940*. In its last few months on the air, it was known as the *Maxwell House Coffee Time*. The program was notable for marking the first time that a national network joined hands with a major film studio to create a show for sale to a commercial sponsor.

Good News advertised MGM's latest major motion picture. Stars from movies would be interviewed on the show and preview the movie for the radio audience.

For a fascinating look into the marketing techniques of both a large studio and a coffee producer of the late 1930s, presenting an enchanting look in the history and magic of classic Hollywood film making, visit:

<https://archive.org/details/GoodNews>



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 1st:	November 8th:
Net Control: KE5ISN	AD5SK
Back-Up: AD5SK	KD5FJF

November 15th:	November 22nd:
Net Control: KD5FJF	- No Net -
Back-Up: K6WXA	Thanksgiving

November 29th:
Net Control: KF5OHR
Back-Up: KE5ISN

Daylight Saving Time Ends



Daylight Saving Time ends Sunday, November 4th at 2:00 AM. Be sure to set your clocks back one hour before going to bed the preceding Saturday night.

"All in all, it may be said that radio is becoming of such real importance that to do without it is as disadvantageous as the old-time way of laying up the car through the winter." *Hugo Gernsback*



Coryell County Joint Comm Group Meeting

The next meeting of the Coryell County Joint Communications Group, will be on Tuesday, November 13th, at the Lil Tex Restaurant in Copperas Cove at 11:30 AM.



SSB Sweepstakes Contest

Contest period runs from 2100Z, Nov. 17th to 0300Z, Nov. 19th on 160, 80, 40, 20, 15 and 10 Meters SSB. For more information, please visit:

<http://www.arrl.org/sweepstakes>



Cat Calming Radio

Radio stations have developed formats as a way for them to stand out and excel by focusing on a specific target audience. Except, of course, if you're a cat. They have had to do without their own radio outlet. Until now.



Cat Calming Radio is designed to keep your cat chill while on the way to a traumatic appointment at the vet and plays the perfect mix of stress-free, commercial-free music for cats suffering from stress of any kind. You can listen to it at: <https://www.catcalmingradio.com/>



As a reminder... CTARC will not be holding a regular monthly meeting in December. Instead, we'll be having a Christmas luncheon get together at Clem Mikeska's Bar-B-Q, at Noon on December 8th. More info on this will be in the December issue of the newsletter.

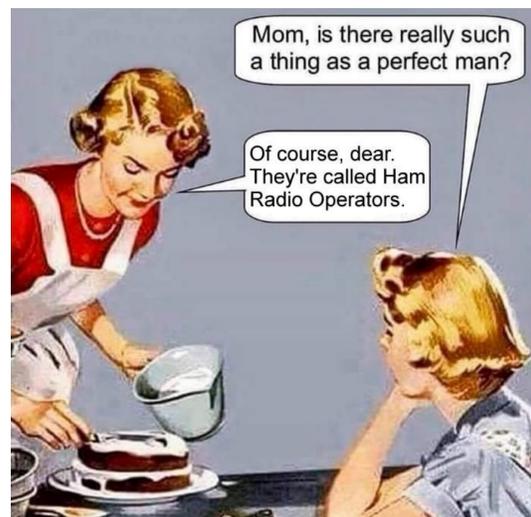


HamExpo Amateur Radio Test Session

This past HamExpo VE exam session had a total of 20 tests administered, resulting in 4 new Technicians, 9 new Generals and 3 new Extra Class licensee's.

Amongst the new General Class licenses earned, was by our own Tom Robinson - KG5NJK. Congrat's Tom!

Why, a century after revolutionizing mass communication, does radio remain so compelling? Perhaps it's the unique intimacy of a voice whispering in our ear. - Paul McLane





EC5AC is active as **V31FT**, from Belize, until 8 November. QSL via his home call.

A group is active from Ducie Island, until November 3, as **VP6D**. QSL info is at their website at:

<https://www.vp6d.com/index.php>

LZ1GC is active as **YJØGC** from Efate Island, until 4 November. QSL via his home call.

A group is active as **Z23MD** from Zimbabwe, until 6 November. QSL via IK2VUC.

DF8AN will be active as **VK9XQ**, from Christmas Island, 3 - 6 November. He will then operate as **VK9CH**, from Cocos Keeling Islands, 6 - 10 November and then return to Christmas Island 10 - 17 November as **VK9XQ**. QSL via his home call.

G4BKI is active as **VP9KF** from Bermuda Islands, until 14 November. QSL only to: Paul Evans, 6809, River Road, Tampa, FL 33615.

A group will be active as **J8NY** from Saint Vincent Island, 21 - 28 November. QSL via VE7NY.

WJ2O will be active signing **stroke VP2V** from the British Virgin Islands, 21 - 27 November. QSL via N2ZN.

DL1QQ will be active as **HSØZNW** from Thailand, November 17 to December 7. QSL only via LotW.

KE1B as **VP2EAQ** and W6NN as **VP2EAR** will be active from Anguilla Island, 19 - 28 November. QSL each via their home call, or LotW.

W5JON is active as **V47JA** on St. Kitts island, until November 6th. QSL via his home call.

N2LK will be active as **VP2ESJ** from Anguilla Island, 18 - 25 November. QSL via his home call.

A group will be active as **EL2EL** from Liberia, 5 - 9 November. QSL only via LotW.

JF1OCQ as **5W7X** and JJ1TBB as **5WØTB** are active from Samoa, until 6 November. QSL each via JF1OCQ.

A group will be active as **8P9AE** from Barbados, 6 - 20 November. QSL via DL7DF.

5R8R will be active from Nosy Be Island, Madagascar, November 19 - 29. QSL via K2BB.

IK2GZU is active from Tanzania as **5H3MB** until November 28. QSL via his home call or LotW, or eQSL.

PH2M signing **stroke P4**, will be active from Aruba, 17 - 29 November. QSL via his home call or LotW.

JA1FMN, will be active as **V63PSK** from Weno Island November 19 - 25. QSL via his home call or eQSL.

A group will be active as **VP2MUW** from Montserrat Island, 17 - 23 November. QSL via LotW.

RM9D will be active as **XV9D** from Vietnam, Nov. 18 - Dec. 2. QSL via his home call or LotW.

A group will be active as **YN4RRC** from Big Corn Island, Nicaragua, Nov. 26 - Dec. 6. QSL via RZ3FW.

A group will be active as **EP6RRC** on Shif Island, Iran, 17 - 23 November. QSL via R7AL.

A group will be active as **5R8UP** from Madagascar, 3 - 13 November. QSL via OE7AJH.

DL7VOG will be active as **J68GU**, from Saint Lucia Island, 3 - 25 November. QSL via his home call.

DT8A is active on King George Island, South Shetland Islands, until the end of December. QSL via HL2FDW.

G3XAQ will be active as **5X1XA** from Uganda, November 17 - 25. QSL via G3SWH.

How's DX? *Continued...*

VYØERC is active from the Eureka Weather station, the most northerly Weather station in the world, until November 10. QSL via **MØOXO**.

Special Event Station **TM4RUM**, is active until November 11. QSL via **F4AVX**.

ND3F will be active as **C6AQQ** from New Providence Island, Bahamas, 24 November - 1 December. QSL via his home call, or **LotW**.

E77DX will be active as **8Q7DX** from the Maldive Islands, 10 - 27 November. QSL via **OE1EMS**.

VE3EY will be active signing **stroke 9Y4** from Trinidad and Tobago, 19 - 26 November. QSL via his home call.

SP9FIH is active as **E44WE** from Bethlehem until November 11. QSL via his home call.

DL8UD will be active as **HC5M** from Ecuador, November 21 - 28. QSL via his home call.

DCØKK will be active as **4S7KKG** from Sri Lanka, 1 - 30 November. QSL via **LotW**.

F6ICX will be active as **5R8IC** from Madagascar, 5 - 30 November. QSL via his home call.

A group will be active as **TO4ØR** from Guadeloupe, 11 - 25 November. QSL via **LotW** or **FG4KH**.

WA5A is active signing **stroke 5Z4** from Kenya, until November 7. QSL via his home callsign.

VA2IDX will be active from Anticosti Island, November 2 - 7. QSL via his home callsign.

A group will be active as **A35EU** from Tonga, November 16 - 27. QSL via **GM4FDM**.

DS3EXX will be active signing **stroke 4W** from East Timor, 25 Nov - 2 Dec. QSL via his home call, or **LotW**.



Night time visitor at N5ZXJ



There's a new one on the airwaves in Germany...

Channel-292 is a 10 KW short wave broadcaster on 6070 kHz in the 49 meter band and on 7440 kHz in the 41 meter broadcast band. It's programs ranging from 60s & 70s music, Jazz and classic rock to a weekly program from Germany's own Deutsche Amateur Radio Club.

Rainer Ebeling - **DB8QC** owns and operates the station from near Ingolstadt in the state of Bavaria, in southern Germany. Signal reports are very welcome and can be sent via email to: radio@darf.de

Their station program, schedule and other details about the station can be found at: <http://www.channel292.de/>

What radio has — that digital mediums lack — is a relationship with the listener. People have a relationship with radio in a way that they do not with a social media platform.

Stephanie Ruhle, MSNBC



The Waffle House Index

When a potential disaster looms or strikes, news and social media venues turn their eyes to The Waffle House as a prognostication of the coming event. If the always-open eatery is forced to evacuate, you know it's bad. Some residents in Southern cities base their decision to evacuate on whether the Waffle House is still open. If a Waffle House is forced to close, it is a sign of a coming apocalypse, or possibly 'THE END' of all things, real, or imagined itself.

What do Waffle Houses have to do with risk and disaster management? More than you might think. Waffle House is an integral part of the South and every community in which they do business. They will stay open even when cooking by candlelight and Coleman stove, just to 'be there' with a friendly 'hello' and a smile - a safe haven - in the midst of disaster.

During his tenure as the head of Florida's Department of Emergency Management, Craig Fugate began to use a simple test to determine

how quickly a community might be able to get up and running again after a disaster: *The Waffle House Index*. Major companies such as The Home Depot, Wal-Mart, and Waffle House serve as role models in disaster preparedness. They've taken necessary steps to prepare. These companies have good risk management plans to ensure that their stores continue to operate when a disaster strikes, and also provide basic supplies to people in their community.

The Waffle House Index is: If a Waffle House store is open and offering a full menu, the index is green. If it is open but serving from a limited menu, it's yellow. When the location has been forced to close, the index is red. Because Waffle House is well-prepared for disasters it's rare for the index to hit red.

But the so-called index isn't actually an official metric. Though FEMA does use it - along with wind speeds, power outages and other objective measures, to judge a storm's impact. The Waffle House Index stands for something less obvious, it is an indicator of how long and how complex, supply chains are. Food, fuel, power and of what it takes to plan around infrastructure that can be fragile in unexpected ways.

The Waffle House Index doesn't just tell us how quickly a business might rebound - it also tells us how the larger community is faring. The sooner restaurants, grocery and corner stores, or banks can re-open, the sooner local economies will start generating revenue again - signaling a stronger recovery for that community. The success of the private sector in preparing for and weathering disasters is essential to a community's ability to recover in the long run.

Stay safe Waffle Nation!





Dayna Steele

*Radio & Politics:
Not-So-Strange-Bedfellows*

A recurring theme is the connection between the worlds of radio and politics. In fact, there are many parallels between how winning radio stations and victorious political office seekers strategize and operate. The idea of supporting a favorite candidate or issue is in many ways comparative to voting for a favorite radio station or on-air personality.

Dayna Steele got the radio bug back in college, on a dare from a DJ at the student run radio station, KAMU, at Texas A&M University. When she put on the headphones at her first radio audition, she knew she had found a home and that nothing else fit like a glove, like radio.

Dayna is one of those lucky broadcasters who spent her entire career in the Lone Star State. In 1978 she left Texas A&M University to pursue her career as a major market radio disc jockey. Her first big break came when she began work at KRLY in Houston. Over the next twenty years, Dayna became synonymous with Houston radio, lending her voice to stations KRBE, KSRR, and KLOL where she became known as “The First Lady of Rock ‘n Roll.”

She was featured as one of the top female disc jockeys in the country on the Friday Morning Quarterback “Women of Rock”. In 1983 she was nominated as Radio Air Personality of the Year by Billboard Magazine. Of the five nominees, she was the only woman to be nominated. In 2010, Dayna was inducted into the Texas Radio Hall of Fame.

Dayna left radio in the mid-’90s to start a successful retail business; then she pivoted –



moving into the political arena – making a run for a seat in the United States Congress in Texas’ 36th district, nearly one year ago. In the recently held Democratic primary race, she garnered a resounding 72% of the vote, and will now face incumbent Republican Brian Babin this month. If elected, she will be the first Congresswoman for the 36th district of Texas.

Armed with her radio and retail experience, she began her motivational speaking career and has written several books. Today, she lives in Seabrook, Texas, and has become a world-renowned speaker, giving keynote speeches for corporations, schools and many other organizations. She is also the creator and host of The Rock Business, a television series featuring successful rock artists turned successful entrepreneurs. The show itself will soon be coming to network television.

She says in her spare time, she drinks good wine and plays bad golf.

Editor's Disclaimer... The purpose of this article is solely to portray the success of a woman in the field of radio and should not be construed as an endorsement or as an advertisement for any political office or political candidate.

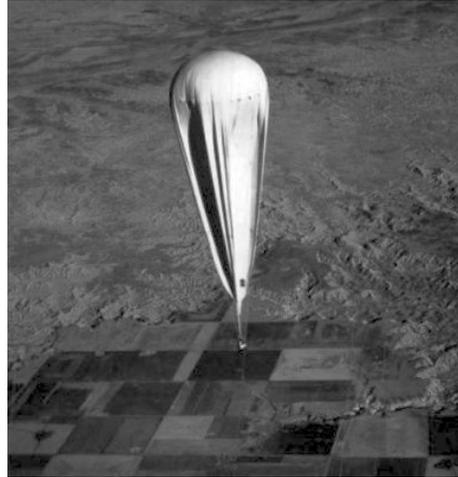
The Flight of Explorer II - W1ØXFH

Explorer II was a manned stratosphere expedition using a balloon, conducted by the U.S. Army Air Corps in cooperation with the National Geographic Society. The expedition would provide the opportunity to loft a fully equipped scientific laboratory for the study of high altitude photography techniques, properties of the upper atmosphere and cosmic radiation.

The helium balloon carried a two-man crew consisting of U. S. Army Air Corps Captains Albert W. Stevens and Orvil A. Anderson inside a sealed, spherical cabin. The task of inflating the balloon with 3,700,000 cubic feet of helium gas from 1,685 steel cylinders, took eight hours. Once inflated, the balloon stood 316 feet tall and took a team of more than 100 soldiers holding cables, to keep it from prematurely ascending.

Communications equipment was supplied by the National Broadcasting Company, with the special one-day-use callsigns of W1ØXFH for the balloon, W1ØXFN - ground control near Rapid City, SD, W3XL, in Bound Brook, NJ and W9XF in Chicago.

The transmitter aboard the Explorer II, was battery powered and operated on 13046, 13050, and 13055 kHz running 8 watts into a quarter-wave wire antenna. And while each of these callsigns used during the flight, sound like amateur radio callsigns, they were actually "experimental class" callsigns issued only for the day of the flight.



CPT Anderson aboard the Explorer II with the W1ØXFH radio equipment.

Lift-off occurred at precisely 8:00 am, on November 11, 1935, from a canyon in the Black Hills of South Dakota, dubbed the Stratobowl. By 12:30 pm *Explorer II* reached a peak altitude of 72,395 feet and remained there for 80 minutes. This set a new world altitude record, and one that would last for nearly two decades. The crew became the first humans to witness the curvature of the Earth.

Constant radio contact was maintained during the flight with their communications being broadcast across the U.S. and in Europe. Besides keeping in touch with the ground control stations, contacts during the flight included one with the *China Clipper* off the California coast and a BBC news reporter in London, England.

Finally, the descent was begun and proceeded normally with the gondola landing gently in an open field near the town of White Lake, South Dakota at 4:13 pm. This was manned "space" flight and was as thrilling as the space trips to come years later in 1961.

BROADCAST TOPIX

Radio Saves Lives in Burkina Faso

A health information campaign broadcast on seven radio stations in Burkina Faso between 2012–2015 helped to reduce child mortality due to diarrhea, malaria or pneumonia in areas where it was broadcast — compared to areas that did not receive this information — and did so at a low cost per person affected.

Health information delivered by community radio stations in Burkina Faso has been proven to reduce child mortality. This is the conclusion of two studies into the radio campaign's effectiveness. One of these studies estimated that listener exposure to this health information resulted in an estimated 7.1 percent average reduction in under-five mortality per year.

The Burkina Faso radio campaign involved the broadcast of one-minute radio spots, 10 times per a day, 365 days a year, over three years. The radio content promoted health-enhancing behaviors on the part of parents. This included attending ante-natal (before birth) care clinics, delivering babies in health facilities rather than at home, and promoting primary care consultations for children showing symptoms of malaria, pneumonia and diarrhea; three of the biggest killers of children under five in Burkina Faso.



The purpose of these studies was to test whether mass media can change life-saving behaviors. Modeling based on the behavioral changes detected showed that radio's impact on primary care consultations for children with symptoms of malaria, diarrhea and pneumonia had a profound impact on child mortality.

So why was radio an effective way to communicate health information in this African country? Radio listenership is high in Burkina Faso, and broadcasting on community radio stations in local languages and with a high intensity of broadcasting. Radio was a strategically chosen medium; it remains the most popular form of mass media in Burkina Faso, and other methods may rely on literacy (which is low in the communities targeted) or French language abilities (which national radio stations tend to broadcast in).

The second study used these results to calculate that the cost of saving a child's life with such a campaign was as low as US \$420, making it comparable to the most cost-effective child health interventions available.

Radio is a highly cost-effective method for changing life-saving behaviors, as many people can be influenced for a relatively low-cost. Finally we have the evidence to show this.