

**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

Welcome to the 50th issue of our newsletter! When I first took on the position of the newsletter editor, it wasn't so much that I couldn't see fifty issues down the road, it was more like I couldn't envision where the newsletter would be. Fifty-something in some circles, may not seem like much, but for me it's a milestone. My thanks to Kenneth Watkins-KE5ISN, who back in 2010, was the President of CTARC and who gave me the opportunity to create and publish a newsletter for the club.

The newsletter has come along way since the first issue in May of 2010. Those first few issues were kinda rough until I could figure out what direction I wanted to take the newsletter and how I was going to piece it all together. I have thoroughly enjoyed doing the newsletter and look forward to carrying many more issues to you.

The first month of the Atlantic Hurricane Season has passed with no developing storm systems and with forecasters eyeing the gulf region as the prime area for tropical storm development. As we go to press, showers and thunderstorms associated with a low pressure area located about 230 miles east of St. Augustine, Florida, are developing and environmental conditions are forecast to become more conducive for further development during the next few days, with a 60% possibility of a tropical depression forming during the first week of July. Those with interest should follow this development on the National Hurricane Center's website at: <http://www.nhc.noaa.gov>



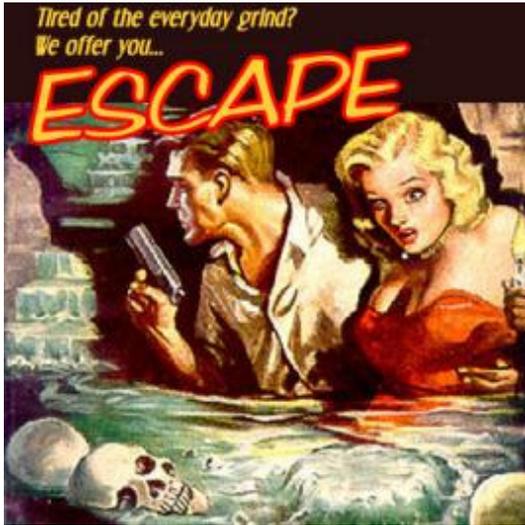
For those who couldn't attend, we had a really good turn out at Mungia's BBQ on June 28th for an evening dinner get-together. I'm looking forward to the next one!

Tuesday, July 1st, will be our next club meeting at the Bell County Communications Center, where we will have at least one important piece of business to attend to... I'm very sorry to announce that Walter Mezynski-KE5DPS, one of the Director's on the club's board of directors, has submitted his resignation as a board member due to both work and strong family matters. I sincerely wish him the best. We will be holding a special election at our next meeting to fill his position and I hope you're all able to attend.

- 73 de K6WXA



“Tired of the everyday grind? Ever dream of a life of romantic adventure? Want to get away from it all? We offer you... *Escape!*”



Escape was radio’s leading anthology series of high adventure, airing on CBS from July 7, 1947 to September 25, 1954. *Escape* enthralled many listeners during its seven-year run; many story premises, both originals and adaptations, involved a protagonist in dire life-or-death straits, and the series featured more science fiction and supernatural tales than *Suspense*.

Escape brings together everything that was good about old-time radio drama rolled into one. The title itself almost sums up the very essence of what radio drama is all about. Each of the episodes was a micro drama carefully planned to capture the listener’s attention for thirty minutes.

If you’ve never listened to this wonderful series it’s well worth taking the time to listen to it. You can tune-in to all the episodes that were broadcast in the series seven-year run by visiting: https://archive.org/details/OTRR_Escape_Singles



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!

July NCS & Back-Up NCS Schedule:

July 3 rd :	July 10 th :
Net Control: AD5SK	N5JLL
Back-Up: N5JLL	W5GNK

July 17 th :	July 24 th :
Net Control: W5GNK	KE5ISN
Back-Up: KE5ISN	KF5OHR

July 31st:
Net Control: KF5OHR
Back-Up: W5VEX



New Technician Class Question Pool

Maria Somma, AB1FM
ARRL VEC Manager

The ARRL VEC has announced that the NCVEC Question Pool Committee has released the new 2014 - 2018 Technician Class, Element 2, question pool to the public. This pool will take effect on July 1, 2014, and will remain valid until June 30, 2018. The current Technician question pool, released on February 1st, 2010, expired as of June 30th.

The new question pool can be downloaded at: <http://ncvec.org/page.php?id=362>

“What we offer can be summed up in one word: *experience*. With experience comes understanding of how radio works, when it will and will not, and how to work around the problem when it doesn’t.”
- David Sumner, K1ZZ ARRL CEO



The Belton 4th of July Parade will be held on Friday, July 4th. This is a joint public service event of CTARC and the Temple Amateur Radio Club.

Volunteers are needed to assist with the line-up of 300+ entries and to direct them on to the parade route. The initial meeting place will be in the parking lot of the University of Mary Hardin Baylor, located at the intersection of West 9th and North Pearl in Belton at 8:00 AM. The parade will start at 10:00 AM and should end about noon.

If you'd like to assist with this event, please contact Darwin Geiselbrecht - K5DOA at: k5doa01@gmail.com. For more information on the event itself, please visit: http://www.rodeobelton.com/events_detail.aspx?id=5



Central States VHF Society Conference

The Central States VHF Society will be holding their 48th annual conference from July 24th to the 27th at the Austin Marriott South, located at 135 Hwy 71 (SE) in Austin. More information is at: <http://www.csvhfs.org/2014conference/index.html>

"If the future of our democracy depends upon the intelligence and cooperation of its citizens, radio may contribute to its success more than any other single influence."

- General James G. Harbord [1929]

Finger-Pointing, Name Calling as Club "Fails Miserably" at Field Day

Gary Darnell, WBØRUR

A group of northern Montana amateur radio operators is disbanding their ham radio club after their worst Field Day showing in 27 years. The road to this year's Field Day was paved with potholes for the Gold Diggers Amateur Radio Club, as members endured heated confrontations, flying yeast rolls, over-turned tureens of vegetable soup and ejection from two separate meeting locations – including a Catholic school altar guild room.



"Not my fault" according to Junior Brown

"To say we fell below expectations is putting it mildly," says former club president Lou Rodden. "The members were so absorbed with making sure we had plenty of food, lawn chairs and drinks that we forgot to bring our radio gear."

"It was NOT my job to bring the gear," stated club member Junior Brown, who was chided repeatedly after forgetting to order food for last year's Field Day. "I may have overlooked the food... but I would never forget the radio gear... Knuckleheads."

Immediately after Field Day, president Rodden called a meeting of the club officers. The group voted to disband the club effective July 1st.

'Coconut Cups'

Jan Gregg, W5GNK

I used to make these all the time but as we grow old we have a tendency to grow out, so I have had to cut back. But they are good and easy to make.

Crust:

1 cup (2-sticks) butter, softened
2 packages (3 oz each), creamed cheese (softened)
2 cups flour
1 teaspoon vanilla
1/2 teaspoon lemon zest

Filling:

1 can (14oz) Eagle brand milk
2 eggs, lightly beaten
1-1/2 teaspoon vanilla
1/2 teaspoon almond extract
1-1/3 cups flaked coconut
1/2 cup chopped pecans

Beat butter and creamed cheese in a large bowl with mixer until light & fluffy and stir in vanilla and zest. Cover and chill for about 1 hour.

Preheat oven to 375° and divide dough into 4 portions. Shape a small amount of dough into a ball about 1-3/4 inches in diameter, shape the remainder dough into 48 equal balls. Press each ball into the well and up the side of a mini muffin pan. Combine Eagle brand milk, eggs, vanilla, pecans and almond extract in medium bowl; mix well. Stir in coconut.

Fill prepared muffin cups about 3/4 full. Bake 16 to 18 minutes or until slightly brown. Cool completely in pan on wire rack.

Midget Police Radio

Radio News – July, 1934

Los Angeles - Two enterprising inventors, Ralph Gordon and Roy Hunt, have contrived a new one-tube radio receiver, weighing less than 44 ounces complete, that can be used by the police force for listening-in to headquarters, in somewhat the same manner that police cars now utilize much larger portable equipment.



The tiny earpiece is attached to the officer's cap. Patrolmen on foot can, therefore, be called to the exact scene of a crime from the central police station with this equipment.

There are countless schemes and ideas which make it possible to popularize radio, and that is what we are after. Now, why don't we get together and do it?

- Hugo Gernsback Editor, *Radio News* [1920]



VU3ARF & VU2GMT will be active from Jambudwip Island 23-31 July as **VU3ARF/P**. QSL via VU3ARF.

M5RIC will be active **stroke 5B** from Cyprus between July 22nd to the 29th. QSL via MØOXO.

A group of hams from the Czech Republic will be active as **MJØICD** from the Island of Jersey between July 21st and the 27th. QSL via OK1BIL.

3E1ØØPC will be on the air through August 31st in Panama to celebrate the 100th anniversary of the opening of the Panama Canal. QSL via HP2AT.

HP2BWJ will be active from Isla Grande 19-20 July as **H92G**. QSL via his home call.

F5LMJ will be active from the island of Guadeloupe 7-17 July as **TO5MJ**. QSL via his home call.

RM2A will be active from Upolu Island, Samoa 3-7 July as **5WØML**. QSL via his home call.

ON6KE will be active from Iceland through the 4th of July as **TF/ON6KE**. QSL only via LoTW or eQSL.

JA3FVJ, JA3QWN, JA3TJA, JF3PLF and JH3FUK will be active from Cocos (Keeling) Islands 29 July - 2 August as **VK9EC**. QSL via JF3PLF.

An experimental beacon using the callsign **HB9AW**, is on the air from Sursee, Switzerland on 5291 kHz in the 60 meter band. Reception reports can be filed through the Radio Club Sursee at: www.hb9aw.ch/bake-5000khz/aaa-baken-formular-englisch

IW2NEF will be active from Zanzibar Archipelago 22 July - 6 August as **5HINE**. QSL via IK2DUW.

GØSGB has announced plans to activate all of the Madeira Islands Lighthouses from July the 12th to the 22nd in the eastern Atlantic Ocean. QSL direct.

PS8RV will be active as **ZY8D** from Caju Island from July 25th to the 27th. QSL via PS8RV.

IZ3SUS will be active from Concordia Research Station, Antarctica until November 2014 as **IA/IZ3SUS**. He is active every Friday 17-18 GMT on 14333. QSL via I1HYW.

VE6SH will be active from Antigua Island 26 July - 8 August as **V29SH**. QSL via his home call.

K2QBV will be active as **E51QBV** from Rarotonga Island between July 8th to the 21st. QSL via his home call.

W7NZJ will be active from Saint Martin Island 29 June - 6 July as **FS/W7NZJ**. QSL via his home call and eQSL.

UA3IPL will be active from Spitsbergen archipelago 26 June - 28 August as **JW/UA3IPL**. QSL via RW6HS.

Members of the Papa Lima DX Group will be operational as **EJØPL** from Great Blasket Island off the coast of Ireland, between July 26th and the 31st. QSL direct.

KØAP and **N3CZ** will be active **stroke 4** from Anna Maria Island off the coast of Florida, between July 12th and the 19th. QSL via their respective home callsigns.

NN7A will operate **stroke 4** from Chincoteague Island off the coast of Virginia, between July 7th to the 13th running CW only. QSL direct.

JH2DFJ will be active from Palau 27-31 July as **T88DF**. QSL via his home call.

F6BBL will be operational from July 5th to the 19th as from Corsica as **TK14CC**. QSL via his home call.

KV1J will be active **stroke FP** from St Pierre & Miquelon from July 5th to the 15th. QSL via his home call.



The Federal Communications Commission announced that it would require former licensees holding General or Amateur Extra Class licenses whose licenses have expired outside the 2-year grace period to pass Element 2 (Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired *Certificates of Successful Completion of Examination* or to extend lifetime validity to *CSCEs*. This change will go into effect Monday, July 21st.

At the same time, the Commission pulled back from its own proposal to reduce from three to two the minimum number of volunteer examiners required to proctor an Amateur Radio examination session. The ARRL, the W5YI-VEC and “a clear majority of commenters” opposed the change, the FCC said. The FCC said it found commenters’ arguments persuasive that that the use of three VEs “results in higher accuracy and lower fraud than would be the case with two VEs.”

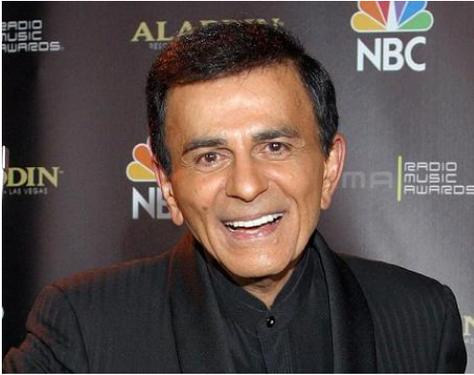
The National Hurricane Center has created a new Blog Site entitled, “*Inside the Eye*” which contains information that may be of interest to quite a few readers. You can also sign-up to receive email notifications when new blog posts have been entered. The new website is at: <http://noaanhc.wordpress.com>

A New Repeater Database is now online which allows quick and easy searching for available repeaters throughout the U.S. Visit: <http://www.artscipub.com/repeaters> for more information. - Thanks to K5ZZM



Window Washers Talk In Broadcast -

Perched on ledges high above the street, two window washers, one in New York and the other in Chicago, communicated by radio in a novel broadcast sent out over a nationwide hook-up. With portable transmitters strapped to their backs, the workmen carried on a lively conversation about their work for the entertainment of the listening audience scattered all over the U.S. - *Modern Mechanix*, July 1937



Casey Kasem

April 27, 1932 – June 15, 2014

**One of Radio's Greats
has passed.**

It was a sad day for the broadcasting community and for radio listeners around the world. Legendary radio personality, Casey Kasem passed away at 3:25 a.m. Sunday, June 15, 2014, at St. Anthony's Hospital in Gig Harbor, Washington at the age of 82.

Casey was smooth, cheerful, and full of information. The magic of Casey was that he was the ultimate professional in whatever he did. He enlightened, explored, suggested, provoked and informed. His was not a clear-toned announcer's voice, but rather, more like the voice of the guy next door. Casey had a distinctive friendly on-air voice, and he was just as affable and nice if you had the privilege to be in his company. He brought elements to his radio broadcasts including answering questions with sometimes obscure facts about musical acts.

Kasem was best known as a music historian and disc jockey, but most notably as host of the weekly *American Top 40* radio program which aired over ABC from July 4th, 1970 through 1988, and again from March 1998 until January 10, 2004. To this day, there is no better way to experience classic hits than with Casey and the classic American Top 40 countdown and the songs that never get old, which were spun with style by the most iconic voice in radio history.



"Here we go with the Top 40 hits of the nation this week on American Top 40, the best-selling and most-played songs from the Atlantic to the Pacific, from Canada to Mexico. This is Casey Kasem in Hollywood, and in the next three hours we'll count down the 40 most popular hits in the United States this week, hot off the record charts of Billboard magazine. Now, on with the countdown!"

You can visit: <http://www.american-top-40.bplaced.net> which has several links where you can listen to or download some of Casey Kasem's programs which aired through the years, including his first broadcast of July 4th, 1970, as well as others including the Top-100 of 1985 and the All-Time Christmas Top-40, from 1940 to 1971, which aired on December 25th, 1971.

Casey said that at the conclusion of each of his broadcasts, he never wanted to tell his listeners 'Good-Bye.' Instead, each week he concluded his show with the words...

"Keep your feet on the ground and keep reaching for the stars."



Eyes on the Gulf and the Caribbean

Alex Sosnowski, Expert Senior Meteorologist
AccuWeather.com

June 1st marked the start of the Atlantic Hurricane Season and while meteorologists are expecting a below-average year for tropical storms and hurricanes over the Atlantic during the 2014 season, the area centered around the western Caribbean Sea and the southwestern Gulf of Mexico will be a place to watch for modest tropical development in the Atlantic Basin. This area represents some of the warmest waters of the basin and is generally free of disruptive high-level winds. Usually this area is also removed from dry air over the central Atlantic.

Any development in the area around Mexico is likely to be slow but there is a chance the atmosphere may try to get something going in this region. Though it is too early to say for sure whether or not a system will develop over the western Caribbean or southwestern Gulf of Mexico, but this is an area to keep a keen eye on from a climatology standpoint.



According to some long range models, we are likely to see a zone of high pressure develop at mid-levels of the atmosphere over western Texas and correspondingly an area of low pressure may try to form well away, farther to the southeast. Weak low pressure areas aloft in the tropics, known as a trough, often initiate showers and thunderstorms and can eventually instigate development.



If upper-level winds remain weak in the area of showers and thunderstorms that form, there could be some room for modest development. The main impact from a weak tropical system or a disturbance would be the potential for flooding rain and gusty thunderstorms.

Later on, anticipated steering-level winds over the eastern third of the United States may allow heavy rain to be drawn northward into the central Gulf of Mexico, then perhaps along

the central to eastern Gulf Coast and possibly along the Atlantic Seaboard.

While this area is quiet and generally free of rain now, there is some indication that conditions in the vicinity of Mexico's Yucatan Peninsula will become more unsettled with the potential for locally heavy rain.

During early June of 2013, Tropical Storm Andrea developed near the Yucatan Peninsula from the remnants of Hurricane Barbara – a category 1 Eastern Pacific hurricane, and in 2012 three named storm systems formed in this region.

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Radio in 1943

For those who had hoped World War II would end swiftly, it continued to dominate the news in 1943. President Roosevelt put a price freeze into effect to combat inflation -- he froze wages, but he also froze prices. However, the economy was not on the average person's mind as much as trying to get the latest news about "our boys" overseas.

Many wives, mothers, fathers, and younger siblings waited anxiously to hear the news, and radio provided it. Of course, there was censorship - the Office of War Information made sure that information given on the networks did not compromise national security. But for the average American, any information was better than none.

Among the news commentators you heard were the esteemed Edward R. Murrow on CBS; Gabriel Heatter and Boake Carter were on Mutual; and



1943 Philips Model 447A

H.V. Kaltenborn was now on NBC. Dorothy Thompson and Raymond Gram Swing were working for the Blue Network - which would be sold and become ABC on October 12th.

Among the new radio programs in 1943 were the *Judy Canova Show* which debuted on July 6th on CBS and *Nick Carter, Master Detective* which also debuted on July 6th on Mutual. The comic strip "Archie" led to a new radio show, *Archie Andrews* on May 31st over NBC and perhaps you heard Groucho Marx on the air for Pabst Blue Ribbon Beer with his new comedy/variety show *Blue Ribbon Town* which first aired on CBS on March 27th. Meanwhile, *Amos 'n' Andy* was cancelled by its sponsor after 15 years and 4,091 consecutive shows; it wasn't due to bad ratings, but rather to the war-time shortage of tin, which meant Campbell Soup could no longer afford to be the show's sponsor. And, the *National Barn Dance* celebrated its 500th consecutive broadcast over NBC in early May.



Corporal Syl Binkin

The American government began broadcasting special programming overseas to combat the enemy propaganda of people like "Axis Sally" – on July 4th, 1943, at 5:45 p.m. Army Corporal Syl Binkin – as a result of winning a coin toss – sat behind the mic in a studio in London and with the words, "*This is the American Forces Network, Europe*" began AFN's first broadcast which included five hours of recorded shows, music, a BBC news and sports report as well as information for the troops.

Sadly, we lost Syl on July 3rd, 2010 – just one day before what would have been the 67th anniversary of his first air date. He was 95.

In entertainment, many songs in 1943 reflected the war - such as "Praise the Lord and Pass the Ammunition"; so did the Best Picture of the Year – "Casablanca" which was released on January 23rd, 1943 and starred Humphrey Bogart. But the big news in music

and entertainment was a young man named Frank Sinatra - his fans gathered in huge throngs wherever he performed.

In sports, WGN's Bob Elson, a long-time White Sox announcer, had enlisted in the United States Navy for four years in 1942, — but — none other than President and Commander-in-Chief Franklin D. Roosevelt himself, called him home to announce the 1943 World Series.

The 1943 World Series was carried on the Mutual Broadcasting System and matched the defending champion St. Louis Cardinals against the New York Yankees. The Yankees won the Series in five games for their tenth championship in 21 seasons. The final game of the series was held October 11th, at Sportsman's Park in St. Louis.

Bob Elson was one of the leading play-by-play men in his heyday and went on to receive the Ford C. Frick Award from the Baseball Hall of Fame in 1979. Bob passed away on March 10, 1981 at the age of 76.

Also in sports, with America's entry into World War II, the government rationed gasoline and banned all car



WGN's Bob Elson

trucks; this included the Indianapolis 500. The Indianapolis Motor Speedway had closed in 1942 because of the war and the “greatest spectacle in racing” wouldn't be run again until May 30th, 1946 – which by the way – would be the first year that the singing of ‘*Back Home Again in Indiana*’ would be part of the opening ceremonies.



FM Station W43B - Boston

Experiments with FM continued, and most major cities had at least one FM station by now - and you would not have recognized the call letters - the one in Boston, for example, was W43B and with 300 kW it was, for a time, the most powerful FM station in the world. After World War II, when FM moved up the dial, W43B became WGTR, but the majority of the public was still committed to AM. Television was not yet a factor either, but shortwave was popular and people enjoyed hearing stations overseas.

Science brought us a number of innovations in 1943, including antibiotics; as well as the local anesthetic, xylocaine, was invented and farmers were delighted to hear about DDT. 1943 was also the year for “Uncle Ben's Converted Rice”, and the city of Chicago got its first subway. The average person made \$2,041 a year, with a loaf of bread costing 10¢ and a gallon of milk was 62¢. Gas was 15¢ a gallon – and was rationed; gas stations had restrictions on the hours they could operate and because of the rationing, the national speed limit was 35 miles-per-hour.

1943 was a year of on-going battles in countries most Americans had seldom thought about till World War II. It was a year of doing without, yet maintaining a patriotic spirit. It was a year when the radio, the movies and the big bands helped us to keep our balance, in a world that often seemed so uncertain, in a world still at war.



W I A E

*The First Radio Station
Owned by a Woman*

When people think of early radio pioneers, I doubt that the name of Marie Zimmerman comes readily to mind, nor does the place where she made history – Vinton, Iowa. But Vinton, which is near Cedar Rapids, is the location of the first radio station owned and operated by a woman. It was a time when women generally were expected to be homemakers and while Marie Zimmerman volunteered for the Red Cross during the war, she seemed to have had no plans to work fulltime – in fact, on her husband Robert’s 1918 draft card, he stated that he was the sole support of his wife. But something changed for the young couple in 1921, what was then called “radiophone” broadcasting had come to Iowa, and Marie and her husband began listening in to it. Then in early 1922, Marie decided it might be fun to operate their own radiophone station, and her husband agreed.

On July 21st, 1922, the Department of Commerce - which licensed stations before the creation of the Federal Radio Commission - issued a limited commercial license to “Mrs. Robert E. Zimmerman” of Vinton, Iowa, to operate station **WIAE** and the station went on the air with only 40 Watts and in those early days of broadcasting, 40 Watts could go a considerable distance. In fact, within several weeks of the station going on the air, Marie was getting fan mail from as far away as Connecticut and Louisiana, proving that the station’s signal could travel a surprising number of miles.



Marie & Robert Zimmerman

Like most of the small stations of that era, WIAE was not on the air every day. It broadcast on Tuesdays, Thursdays, and Saturdays, usually from 9 PM to 10 PM, featuring music and news. On Wednesdays at 8 PM, there was a band concert; and on occasional Sundays at 2:30 PM, there was another live concert.

But unlike the other stations of that time, Robert was not the one who ran things; Marie was the person in charge. Robert had bought the equipment and installed the transmitter, but Marie did the rest – she booked the guests, found the performers, and even did the announcing.

Unfortunately for little stations like WIAE, late 1922 saw the radio craze take hold nationwide, as hundreds of new stations took to the air. In Iowa, several of those stations were bigger, more powerful, and better funded than WIAE, most notably WJAM in nearby Cedar Rapids, owned by the *Cedar Rapids Gazette*.

By early 1923, the Zimmerman’s knew they could no longer afford the station’s expenses. Marie did not renew WIAE’s license and so the Department of Commerce officially deleted the station in late June. It had lasted not quite one year.

Marie Zimmerman died on 23 January 1973, at age 77; her obituary said nothing about her pioneering involvement in radio.