

Field
Day Issue

PLANO AMATEUR RADIO KLUB

PARKINGTICKET

JULY

WWW.K5PRK.NET

2025



In This Issue

- **FIELD DAY RECAP**
- **CLUB AUCTION**
- **Flood Relief**
- **A Mast Launcher**
- **Derecho**

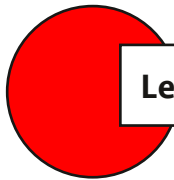
PARK HERE

Officers

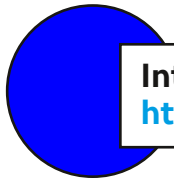
(your answers begin here)

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Public Relations	Rob Forson, K5WFR	pr@k5prk.net
Newsletter	Lonnie Webb, KG5WHQ	newsletter@k5prk.net

EXPERIMENT AND HAVE FUN WITH YOUR RADIO



Learn more about the club at <https://k5prk.net>



Interact with the club at
<https://www.facebook.com/groups/k5prk>



Have a groups.io conversation with the club at
<https://k5prk.groups.io/g/main>

Are you ready to read the content in the newsletter? It's all technician accessible. For your benefit we color the tabs at the top of the page to correspond to the colors of your ARRL license manual.

**YOU HAVE BEEN DEPUTIZED AS ROVING
JUNIOR NEWSLETTER REPORTER
EXTRAORDINAIRE!**

Go photograph, experiment, solder, attempt to antenna your lawn chairs. Just write it all down and send the information to
newsletter@k5prk.net

PARK REPEATERS

The Plano Amateur Radio Klub operates five repeaters, which are located in Allen, Texas about 180 feet above ground level. All licensed amateur operators are welcome to join us on the air.

Our repeaters are open.

147.180 MHz + PL 107.2
K5PRK VHF
Voice Repeater

444.250 MHz + PL 79.7
K5PRK UHF
Voice Repeater

441.575 MHz +
DStar UHF
Digital Voice Port B

1295.000 MHz - 20.000
DStar 23cm
Digital Voice Port B

1255.000 MHz
DStar 23cm Digital Data

Broadcastify
K5PRK 444.250
K5PRK 147.18

If you notice problems with any of the club's repeaters, contact
communications@k5prk.net
via email with a detailed description of the issue.

FROM THE PRESIDENT

By Tim Johnson K5TCJ
president@k5prk.net

It's July and that means the PARK Annual AUCTION! We've got a lot of good stuff on the auction block this year, so you don't want to miss this meeting. Can you bring your stuff to sell? **YES.** Can you BUY a new-to-you treasure to enhance your shack? **ABSOLUTELY.**

The business portion of this month's meeting will be abbreviated to give us more time for the auction. See more auction information elsewhere in this newsletter.

A quick note on Board of Directors elections. Being an odd numbered year, the following Board positions are up for election at our October general meeting: President, Treasurer, Newsletter Editor, and the Activates Director. The President and Treasurer positions are term limited this year meaning the current President and Treasurer cannot run for reelection. Here's your opportunity to step up and help guide your klub into the future. If you are interested in serving in one of these positions, please let any Board of Directors member know. More information to follow as we get closer to October.

As always, lots of opportunities this month to get on the air. QSO parties, Contests, various Special Event stations, POTA park activations, and that New DXpedition you

want in your log. Don't miss the many opportunities to get on the air.

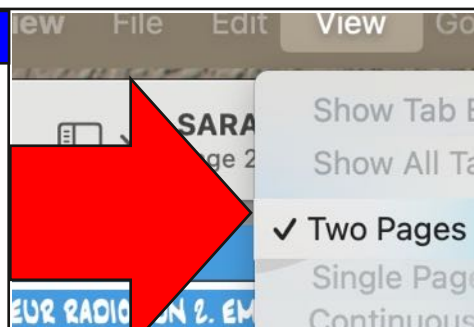
73, and see you at the **auction**, and on the air.

Tim 



Fourth Thursday Lunch:
July 24, 2025
Poor Richards @ 11:30a

Get your RadioQuest Score(pg.28)
I'm thinking it warrants an end of year giveaway. Gotta start sending in your scores now, though!



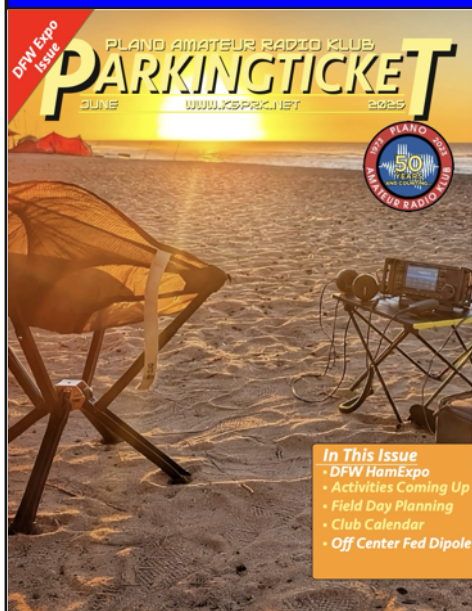
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CLUB AUCTION:
July 21, 2025

Next Meeting:
July 21, 2025

LETTERS TO THE EDITOR



Hello PARK! Thank you for everyone's contributions to the past couple of newsletters! I hope you all had a happy Field Day! It's the next best day to Christmas for an amateur radio operator. I certainly did, teaching a technician class and testing that day. While it was a great day I missed seeing you all in person. Let's make up for that here, starting with a recap on groups.io thank yous that went out:

Re: Field Day Thank You

I wanted to thank **Mike Tharp** for putting on another excellent Field Day activity this year.

Handling the reservation with the city, as well as the change of location.

Gathering up so much gear and bringing it all to Hoblitzelle Park. Getting us all the donuts, the coffee, the pizzas and then making everyone a dinner spread of Hamburgers and two kinds of hotdogs, with lots of fixins.

Also **Dave Koch** brought muffins that were delectable and I think we polished them all off.

I also appreciate the help of everyone present to help me get my VHF stack up into the air in an all new fashion this year.

I was happy to see almost all of the people I had conversations with at this year's Ham Fest came by our Field Day. Had a great conversation with **Dutch** about methods of tuning his tube radio for his antenna.

Shawn gave me some good guidance about meshtastic and we also talked about setting up in-home stations. New Technician, **Xu** made some contacts on HF—a real challenge with so many stations on Field Day.

Adrienne brought her radio and antenna and I was able to walk her through some basics, and looking at photos of her yard, we talked about options for outside antennas.

I regret that I wasn't able to do overnight as originally planned, but I hear overnight was busy as well.

So I thank everyone I got to spend some time and "play radio" with this weekend for making it an enjoyable Field Day.

Anthony Burokas KB3DVS
KB3DVS@ieba.com

Re: Field Day Thank You
mikeltharp@aol.com

Yes indeed and thank you too Anthony, your help was invaluable as always.

I also want to express appreciation for **Bob Bartels, Dave Koch, Brian Trant, BJ, Richard Seitz** and **Asif**. Each of them performed a significant role in

helping us manage this year's Field Day festivities.

We learned something important about our Field Day operation that might be a draw for next year. As far as I could tell, we were the only club in the area operating overnight in an open, public area. We had no fewer than 5 late night (think midnight or later) drop in attendees who are either unaffiliated or members of other clubs looking for an opportunity to operate overnight. From midnight until dawn all three phone radios were in use.

We cannot forget **Miranda** either. She provided ALL the power for this year's operations. For the first time ever, we operated 24 hours on either solar power or battery. Before sunrise, we still had surplus capacity on her solar generator. Thank you **Miranda** for supplying the massive solar panels and the generator this year.

I will also be dropping a message to **Rick Miller** at Plano Parks and Rec for making the arrangements to get our permits taken care of.

If I didn't mention your name, please accept my apology and my thanks for your support. I will be doing a write up for the newsletter and will try to do a better job giving credit where it is due.⁷³

Mike Tharp KG5TJF
mikeltharp@aol.com

Re: Field Day

Mike:

Thanks for the great job! Did you get the copy of the bulletin?

Rob Forson K5WFR

rob.k5wfr@gmail.com

Re: Field Day

I agree. Thank you

Asif Ahmed

kg5cux@gmail.com

Re: Field Day Recognition

Thank you[, Mike].

Daryl Morgeson

mieway2ride@yahoo.com

Re: Field Day

Thanks Mike!!

Sean Kelly

spkelly188@yahoo.com

YOUR ARRL MEMBERSHIP DUES AT WORK FOR YOU

In 2024, more than 500 ARRL members called the Technical Information Service (TIS)

[<https://arrl.informz.net/z/cjUucD9taT0zMzczMDExJnA9MSZ1PTUyMDM4NDU1MyZsaT0zODYwMjYxMg/index.html>] and another 912 members emailed the ARRL Lab to find solutions for their technical problems.

The ARRL Laboratory provides valuable resources for members just like you, including product review testing, our Clean Signal Initiative (CSI) [<https://arrl.informz.net/z/cjUucD9taT0zMzczMDExJnA9MSZ1PTUyMDM4NDU1MyZsaT0zODYwMjYxMw/index.html>], matters relating to Radio Frequency Interference (RFI) [<https://arrl.informz.net/z/cjUucD9taT0zMzczMDExJnA9MSZ1PTUyMDM4NDU1MyZsaT>

[0zODYwMjYxNA/index.html](https://arrl.informz.net/z/cjUucD9taT0zMzczMDExJnA9MSZ1PTUyMDM4NDU1MyZsaT0zODYwMjYxNA/index.html)], and research and development for spectrum protection.

For more information about the Technical Information Service (TIS) and the ARRL Lab, visit <https://www.arrl.org/mission-statement>.

Meet the ARRL Lab Staff:

John Jobin McAuliffe, W1DRF, Digital RF Engineer; George Spatta, W1GKS, Lab Manager; Rick Ciervo, W1CIE, Senior Lab Engineer, and Stephen Anderson, W1EMI, Senior RFI Engineer.

At ARRL, support from our team of skilled engineers for all your amateur radio technical questions are part of your membership dues.

You can reach ARRL's Technical Information Service (TIS) by email at tis@arrl.org or by calling 1-888-277-5289 during regular business hours.

Be radio active. 73,

ARRL Membership Team

PARK MEMBERS AND FAMILY GETTING THEIR TECHNICIAN LICENSES

By Lonnie Webb KG5WHQ
newsletter@k5prk.net



Field Day I was so lucky to volunteer at N5SAC's Field Day event. I was asked to teach a class of 22—most of which passed and came away ham radio

operators.

But the most interesting part of that story is that there were three PARK members of family members in the mix! Frank Kirzan's cousin Jody drives an engine for Sachse FD, which we promptly broke and turned into a multimillion dollar antenna.



Tony Fiorda's lovely XYL Ann was on hand to receive her ticket. She can now tell him what to do where ever he goes...

And, to round this subset out, I think Dave Koch's grandson, Colin, is now my record holder, youngest tech! He drives a cadillac of a rig now with dad and grandpa's approval.



MINUTES FROM THE JUNE GENERAL MEETING



June 16, 2025 General Meeting Minutes

Officers Present:

Vice President
Treasurer
Secretary
Public Relations Director
Newsletter Editor
VE Coordinator

Meeting called to order at 7:05 p.m. by Vice President Anthony Burokas.

Pledge of Allegiance and Roll Call
17 Members Present + 4 Guests.

Guests:

Craig Young KA5BOU (Past PARK President & Johnnie's brother)
Sean Williamson KE0BKD
swilliamson9@gmail.com
James Lank KJ5LKC
jameslank@gmail.com
Dutch Usselton KJ5HDF
dutch.uselton@gmail.com

President - Absent

Vice President

Programs for upcoming monthly meetings:

July - PARK Annual Auction.
August - Collin County Info. with Hon. Judge Chris Hill (tentative).
September - Fantastic Mesh-tastic (tentative).

Need Suggestions for future programs...email VP@k5prk.net

Secretary:

83 Current Members
152 Inactive Members

Treasurer:

Treasurer Michael Tharp presented the current financial report of the club.

Treasurer's report available on hamclub online.com

Communications Director - Not Present

Newsletter Editor

Presented current edition of "P.A.R.K.ing Ticket"

Included a questionnaire.... posed the question of who got more of them than his total...

No takers....a mystery prize to be given out to the member who beats his total at the next Meeting.

Need photos and stories from Field Day.

Activities Director - Absent

Usual Activities reviewed by Vice President.

Public Relations Director

Presented two Proclamations for Field Day from City of Plano and Collin County.

Was thanked by V.P. for his outstanding service as Public Relations Director during his term and work on Field Day publicity.

Webmaster - Absent

VE Coordinator - No tests administered.

Old Business:

None reported.

New Business:

None Reported.

Tonight's Program

Michael Tharp - Field Day June 28-29.

Adjourned at 8:30 p.m. 📶

ADDITIONAL INFO ON HAMCLUBONLINE.COM



Wondering about the Treasurer's report? Missing something from the minutes? Go log in at [HamClubOnline.com](https://k5prk.net/club-auction) using the email address you already gave the secretary and set a new password if you need to. 📶

PROGRAMS

By Anthony Burokas, KB3DVS
vp@k5prk.net

July 21—PARK Annual Auction
Spread the word! Bring the Ham Radio gear you no longer use to the auction. Be prepared to look through the tables and tables of gear to find some real bargains, and let the bidding begin! See the full description and rules at:

<https://k5prk.net/club-auction> 📶



MINUTES FROM THE LAST BOARD MEETING



**Plano Amateur Radio Klub
Board of Directors Meeting
July 7, 2025**

Present: (On-Line)

Tim Johnson, President
Anthony Burokas, V.P.
Michael Tharp, Treasurer
B. J. Watkins, Secretary
Miranda Schwark, Commu-
nications Director
Rob Forson, Public Relations
Director
Richard Seitz, Activities Direct-
or
Lonnie Webb, Newsletter Edit-
or
James McCormick, Webmaster
(Joined late)
Sean Kelly, Past President

Quorum Established: 7:05 p.m.

President

Posting list of items for July
Annual auction.
Public Relations Director is
staying on.

Vice President

Future Meeting Programs:
July 15 – PARK Annual Auction



August 18 – Collin County
Judge Chris Hill
September 15 – Meshtastic
Need V.P. Candidate to fill un-
finished term as of September
General Meeting with confirmat-
ion at the October meeting.

Treasurer

***Treasurer's report available on
hamclub online.com***

Field Day expense reimburse-
ment requested in the amount of
\$221.23 for food and supplies.
Motion made by President and
seconded by Secretary and
Activities Director. Unanimous
vote for approval.

Secretary

Member and visitor log upload-
ed to Field Day Event on Ham
Club Online.
We now have 83 current
members.

Communications Director

Director is installing her per-
sonal equipment temporarily for
testing at Presbyterian Hospital
Plano. Duplexer has been
returned.

Question from Sean Kelly: Re-
garding the delays for getting
Metrocrest site operational.
Complaint from Ken Grantham
made to him about the continu-
ous delay. Director responded
that microwave equipment that
is needed for the install has not
been located and she is having
difficulty getting responses from
those who would have knowl-
edge of the items location.

Newsletter Editor

Reported on testing at Sasche
location during field day week-
end. Requested board participat-
ion in Radio Quest
contest in newsletter.

Webmaster

All websites operational as
intended.

Activities Director

Usual current activities.
Preparing for upcoming auct-
ion.
Question from President
regarding running for a second
term in the October elections
and Director responde that he
was not running for re-election.

Public Relations

No current projects.

License Testing Coordinator -
Absent / No Report.

Adjourned at 7:55 p.m. 📻



TREASURER'S REPORT

We start the month of July with \$13,114.81 in the bank, PayPal and cash. Our anticipated expenses for July are \$368.43. Setting aside budgeted expenses and emergency reserves (\$8989.03), the club has available funds of \$3757.35. While the club has plenty of funds heading into 2026, we are under the threshold to sustain the club to fund our operations based on membership dues alone. We're not far below the sustaining membership level. It will take a while for the lack of membership to become noticeable in our bottom line.

Beginning Balance - 07/01/2025		
Bank, Cash & PayPal	\$	13,114.81
Debits	\$	(368.43)
Credits	\$	-
Ending Balance	\$	12,746.38
Pre-approved Expenses		
Funded Projects	\$	(1,729.51)
Annual Recurring Costs	\$	(3,259.52)
Pre-approved Expenses Subtotal	\$	(4,989.03)
Available Funds	\$	7,757.35
Minimum Reserves	\$	4,000.00
Remaining funds	\$	3,757.35
p.m. 📱		

RESCUING THE TITANIC RADIO ROOM



Jack Phillips and Harold Bride in the Marconi Room(above). Location of the room(right).



The Great Experiment

Picture receiving the Titanic's distress call 113 years later. The Marconi wireless room, the heart of the ship's communication system, was where operators Jack Phillips and Harold Bride sent urgent pleas for help as the Titanic sank in the North Atlantic in 1912. Long believed lost to the ocean's depths or decayed beyond recognition, recent expeditions have pinpointed its location, revealing remarkable contents.

A New Kind of Radio

The Titanic's radio room was a technological wonder of its time. Positioned on the boat deck near the grand staircase, it featured a cutting-edge 5-kilowatt Marconi wireless telegraph, the first to employ a rotary spark-gap transmitter for clear, powerful signals. The setup included three areas: the operators' workspace, their sleeping quarters, and a soundproofed silent

cabin housing the noisy transmission equipment. This allowed Phillips and Bride to transmit passenger messages, known as marconigrams, and vital navigational alerts, such as ice warnings, many of which were fatefully disregarded.



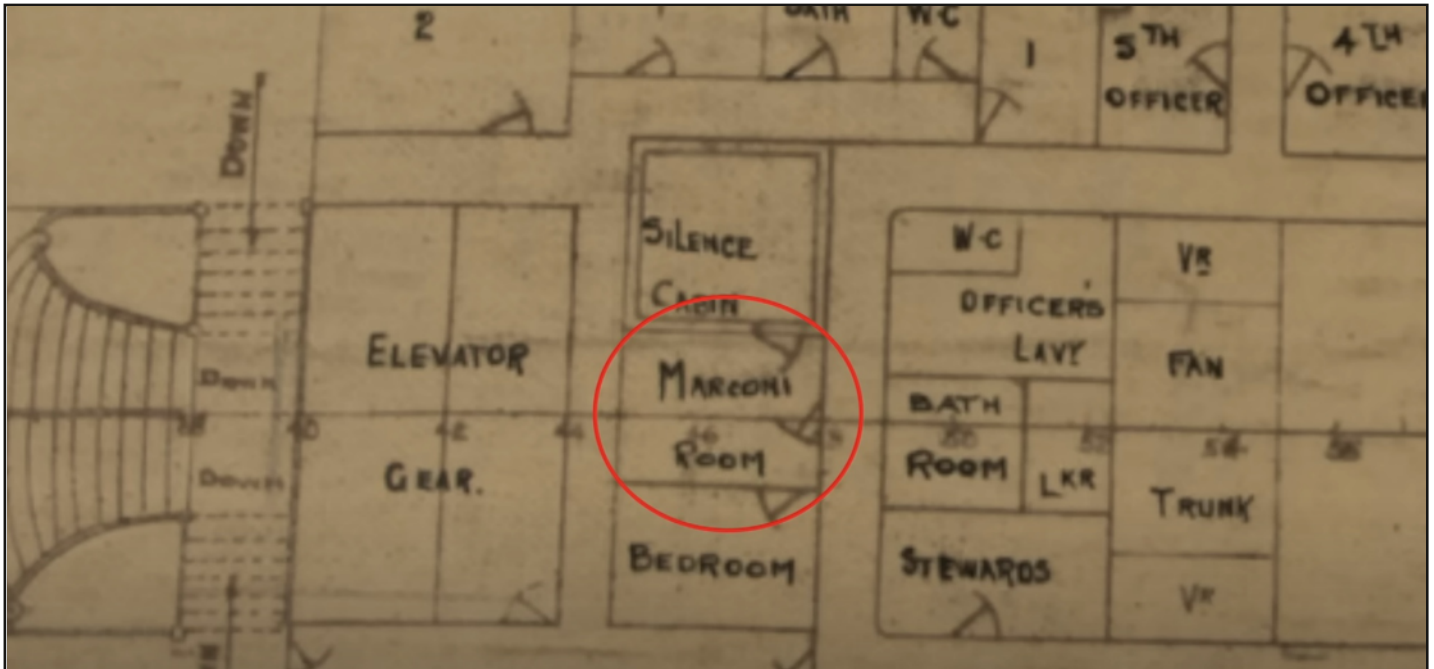
Jack Phillips and Harold Bride.

On April 14, 1912, when the Titanic hit an iceberg, Phillips and Bride remained at their posts, broadcasting distress signals—initially using the older CQD code, then the newer SOS, which the Titanic helped make standard. Their persistence saved over 700 lives by guiding the Carpathia to the survivors. Phillips

perished, staying until the end, while Bride survived to share their story. The Marconi room was their critical outpost, where technology and bravery met in a desperate fight against time.

Accessing the radio room has been challenging, as the Titanic rests 12,500 feet underwater, with the deckhouse containing the Marconi suite deteriorating. The operators' room was destroyed during the sinking, but the silent cabin's soundproofed walls preserved its contents. In 2001, James Cameron's expedition glimpsed the silent cabin, spotting an intact Marconi 5-kilowatt transmitter—the only one of its kind still in existence. However, silt and decay threatened to engulf it.

In 2020, RMS Titanic Inc., which holds salvage rights, planned to recover the Marconi equipment using



Location of the Marconi Room in the Titanic deck plan.

an unmanned submersible to access the room through a skylight or by cutting the corroded roof. The U.S. government opposed this, citing potential disturbance of human remains, though none have been found in 35 years of exploration. The

the equipment's historical significance and imminent risk of loss to decay. However, the COVID-19 pandemic and the 2023 Titan submersible disaster delayed efforts.

In 2024, Magellan, a deep-sea



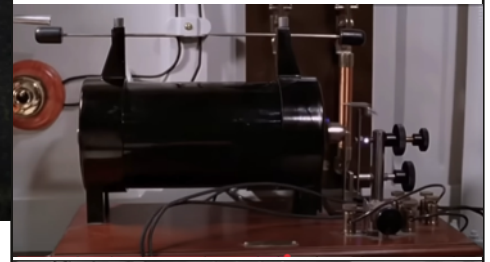
uum tubes, a first-class table lamp fixed to the wall for late-night work,



Left, the Titanic Marconi Room when new. Right, modern photo taken within the wreck.

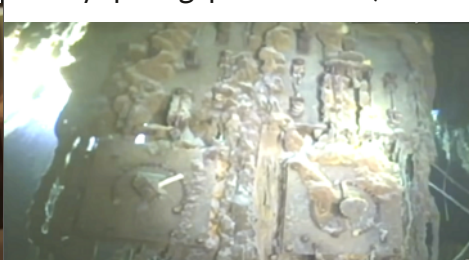
debate centered on whether salvaging this historical artifact was ethical or if the Titanic should remain untouched as a memorial. In May 2020, Judge Rebecca Beach Smith approved the recovery, citing

mapping firm, used advanced 3D scanning to create a precise digital model of the Titanic, unveiling the Marconi room in unprecedented detail. The silent cabin still holds the rotary spark-gap transmitter, vac-

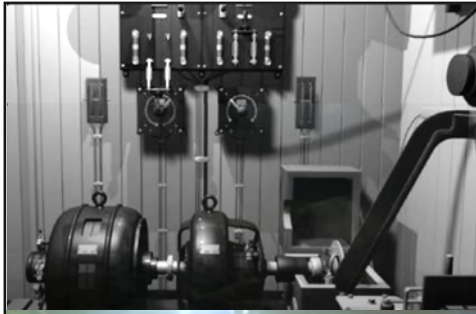


two clocks (one set to Southampton time, the other to New York), and brass tubes for message canisters. The scans also revealed the deckhouse roof's near-collapse.

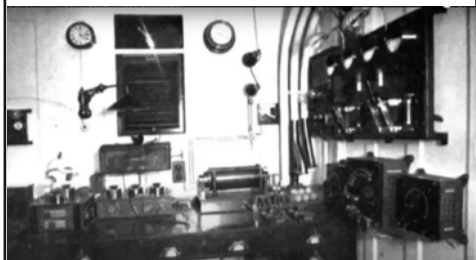
What remains inside? The transmitter stands out as a key relic of the Titanic's communication system. Other items, such as opera-



Left, recreation of the "knobs" and gauges for the Titanic movie. Right, modern photo of the recoverable equipment taken within the wreck.



tors' logbooks or tools, may lie buried in the silt. Some believe telegrams or distress call records could be preserved in the cold, oxygen-poor depths, potentially offering new insights into the disaster's final moments. Yet, the ethical dilemma persists: should the wreck be disturbed to retrieve these artifacts? The Titanic is deteriorating rapidly, with rusticles—metal-eating bacteria—consuming the ship. The collapse of the bow's iconic railing in



2024 underscores the urgency.

The Marconi room is more than a physical space; it's a preserved snapshot of history. It encapsulates the dedication of two operators

who worked as the ship sank, a technology that reshaped maritime communication, and a tragedy that continues to resonate. Whether salvaged or left undisturbed, the Titanic's radio room carries a timeless message across 113 years: "SOS. We are sinking fast."

Sources: @History X on Youtube; wikipedia; Discovery Chanel; Paramount Pictures. 📺

HAROLD SYDNEY BRIDE, SK

From Wikipedia: **Harold Sydney Bride** was born on 11th January, 1890 in Nunhead, South London, the youngest of three sons on Arthur John Larnier Bride and Mary Ann Lowe.

After leaving school Bride trained as a Marconi operator, he completed his training in July 1911 and went to sea soon afterward. His first ship was the Haverford, he later served on the Lusitania, La France and finally the Anselm, before joining the Titanic.

Bride and his colleague John 'Jack' George Phillips boarded the Titanic at Belfast.

When he signed onto the Titanic at Southampton on 9th April, 1912, Bride gave his address as Bannister's Hotel (Southampton). As an employee of the Marconi company, he received monthly wages of £2 2s 6d.

Sharing the wireless equipment with John Phillips the two agreed that Phillips would take the 8 a.m. to 2 p.m. and 8 p.m. to 2 a.m. shift and Bride the 2 a.m. to 8 a.m. and 2 p.m. to 8 p.m. shift.

On the night of the sinking Bride relayed messages to and from Captain Smith on the bridge regarding the progress of the Carpathia and other ships in the vicinity, whilst

Phillips worked the key.

According to Bride: "Phillips began to send CQD He flashed away at it and we were joking while he did so. All of us made light of the disaster. We joked that way while he flashed signals for about five minutes. Then the captain came back.

'What are you sending?' he asked. 'CQD' Phillips replied.

The humour of the situation appealed to me. I cut in with a little remark that made us all laugh, including the captain.

'Send SOS,' I said. 'It's the new call, and it may be your last chance to send it.'

Phillips with a laugh changed the signal to SOS...I looked out. The boat deck was awash. Phillips clung on sending and sending. He clung on for about ten minutes, or maybe fifteen minutes after the captain had released him. The water was then coming into our cabin.

While he worked something happened I hate to tell about. I was back at my room getting Phillips's money for him, and as I looked out the door I saw a stoker, or somebody from below decks, leaning over Phillips from behind. Phillips was too busy to notice what the man was doing. The man was slipping the life belt off Phillips's back... [Later, on the raft,] One man was dead. I passed him and went up the ladder, although my feet pained terribly. The dead man was Phillips. He had died on the raft from exposure and cold, I guess. He had been all in from work before the wreck came. He stood his ground until the crisis had passed, and then he collapsed, I guess."

He died at Stobhill Hospital, Springburn on 29th April 1956, aged 66 leaving his widow Lucy. He was

cremated at Glasgow Crematorium, and his ashes were scatted at the fountain in the garden of remembrance next to the chapel; there is also a plaque to him at the wall of remembrance put there 2019. 🏛️

JOHN GEORGE "JACK" PHILLIPS, SK

From Wikipedia: **Mr John George "Jack" Phillips** was born on Monday 11 April 1887, above a Draper's shop in Farncombe Street, Godalming, Surrey. His father George Alfred Phillips ran the shop, with his mother Ann (née Sanders), for a man named Gammon who had several branches in the area. By the time Jack was born his twin sisters Elsie and Ethel were already thirteen years old.

Jack was christened at the church of St. John the Evangelist, just a few hundred yards from the shop, where there is a plaque dedicated to his memory. Jack began his education at the Church School, before going on to attend the tiny local private grammar school for boys. By 1902, at the age of fifteen, Jack had finished his schooling and he joined the Post Office where he trained to be a telegraphist.

He remained at the Godalming Post Office until March 1906 when he left for the to undertake further training at the Marconi Company's Wireless Telegraphy Training School at Seaforth Barracks just north of Liverpool. He graduated in August 1906 and received his first post as an operator aboard the white Star Liner Teutonic.

For the next two years he sailed on various liners including the Lusitania and Mauretania until 1908 when he was given an operating post at the Marconi station just

outside the small town of Clifden, on the West Coast of Ireland in County Galway. There he served as an operator, transmitting and receiving messages from the Marconi station in Glace Bay, Nova Scotia.

Towards the end of 1911 Jack returned to sea on the Adriatic and remained with her until Christmas.

In the New Year he once again boarded his favourite ship, the Oceanic sailing from Southampton to New York.

On returning to England in March 1912 he received his orders to travel to Belfast and join the Titanic. Some have stated that Jack was acquainted with the other Wireless operator Harold Bride before they sailed on the Titanic, but Bride himself confirmed that they had never met before this point.

He died before dawn 15th April 1912 of exposure while clinging to the same raft Bride was escaping upon. 🏛️

TITANIC MESSAGES

After the RMS Titanic collided with an iceberg on April 14, 1912, around 11:40 PM, Marconi operators Jack Phillips and Harold Bride jumped on their spark-gap transmitter, pounding out distress calls. Here's a fresh take on the key messages, drawn from historical accounts: First Distress Signal (circa 12:05 AM, April 15, 1912): Right after the impact, they fired off the CQD distress code, standard for the era, mixed with the emerging SOS. The message went something like:

"CQD CQD SOS MGY Titanic 41.46 N 50.14 W. Struck iceberg." MGY was Titanic's call sign, and those coordinates pinned their location in the North Atlantic.

Ongoing Calls for Help: For

roughly two hours, Phillips and Bride kept at it, toggling between CQD and SOS, updating the dire situation: "CQD MGY. Sinking rapidly. Women and children loading lifeboats."

"SOS SOS CQD MGY. Engine room swamped. Urgent assistance needed."

Ship Responses: Several vessels caught the signals, but distance and circumstances complicated things: SS Californian: Close by, but their radio was off—operator was asleep, so no reply.

RMS Carpathia: Picked up the call around 12:25 AM, responded with "Full speed to you!" and steamed 58 miles, arriving in over three hours.

SS Mount Temple and SS Frankfurt heard the calls too, but were too far. Frankfurt's operator annoyed Titanic with a clueless "What's the issue?" getting a snappy "Stand by, you're jamming us!"

Final Transmissions (2:00–2:20 AM): With power fading and the signal dropping, Phillips sent desperate last messages: "SOS MGY. Crew in boats. Water flooding boilers."

The final signal, around 2:17 AM, was a weak "CQD MGY SOS." Bride later said Phillips kept transmitting until the dynamos died, just before the ship went under at 2:20 AM.

Operational Hurdles: The operators battled QRM from other ships, fading power as the ship's electrical system failed, and an initial coordinate error (later corrected). Still, they stuck to their key, ensuring Carpathia got the word, which saved lives.

Exact message logs are lost, but this comes from ship records and Bride's testimony. 🏛️

HAVING FUN ON THE AIR

PARK'S FIELD DAY 2025



By Mike Tharp, Field Day Coordinator

Introduction

This June, our ham radio club proudly joined tens of thousands of other hams in this time-honored tradition, testing our skills, equipment, and endurance in a 24-hour marathon of on-air activity. As we reflect on our achievements, the lessons learned, and the fun shared, it's my belief that Field Day 2025 will be remembered as our best since COVID.



Preparation

This year, we chose the Shawnee Pavilion for our operations. Our thinking was that we

could snag the Frisbee Golfers to come and make HF contacts. As it turned out, the city had other ideas. Since we had used Hoblitzelle Pavilion in 2024, they assumed we wanted to operate there again. It's a location well



known to our team with plenty of room for antennas radios and radio operations.

There are several people who helped prepare for Field Day. If I've forgotten anyone, please forgive me. Your efforts are appreciated.

Rob Forson did a great job

promoting PARK and securing proclamations from the city of Plano and Collin County

Anthony Burokas set up our sign-up sheets, PC setup and synchronizing our logging software across the laptops.

BJ Watkins worked before Field Day to assist with hauling equipment and rendering helpful insights and opinions. BJ also was ready to supply additional poles for setting up antennas.

Kip Moravec as always, supplied the poles we use to hang our antennas.

Setting Up

On Saturday morning, we had many volunteers setting up our antenna array. We set up our inverted V dipoles to operate from 80 to 10 meters with 2 20-meter antennas. **Miranda Schwarck** provided solar panels and the solar generator this year. Our radios operated for the entire 24 hours on solar power. By dawn Sunday, we still had 40% power left on the generator.



On the Air: A Marathon of Communication

At 1800 UTC (1:00 PM local time), Field Day officially began.

HF SSB and CW: Our most productive bands were 20 and 40 meters, with impressive runs on



both phone and Morse code.

Digital Modes: **Neil Gould** operated from home providing the club with our digital points for 2025

VHF/UHF Operations: **Anthony Burokas** again ran our VHF station. He succeeded in making some local QSOs—proving the value of a well-equipped VHF station.

While we don't have final results yet, we do know that **Asif Ahmed** logged a DX contact in Tenerife (that's right the Canary Islands!). We logged contacts on 15, 20 and 40 meters from Hawaii to Quebec.



Highlights and Special Moments

Every Field Day brings memories, and this year's event offered many:

"Blood Hound" **Brian Trant**

brought ice and water and worried over our night operations. He also found my keys after I dropped them in the grass outside the pavilion. He must have spent 20 minutes in the sun searching for those keys!

Asif Ahmed made 3 appearances during Field Day. He was there in the morning for set up and came back in the late afternoon to operate. Finally, he made it back at midnight to operate until the dawn's early light. Admittedly, he was getting a little loopy at the end.

Sean Williamson worked from morning to evening on Saturday setting up, operating and troubleshooting equipment. Then he came back on Sunday for more!

Bob Bartels ran a DMR station this year and performed the thankless task of cleaning the bird guano from the picnic tables.

Dave Koch and **Zhiguo (Antonin) Yang** ran CW all day Saturday racking up multiple contacts – at double points!

This was our first overnight



since Covid. We had several drop-in operators between 10:00 PM and 3:00 AM. Basically, we were in full operation for the entire 24 hours. As far as I can tell,



PARK had one of only a few overnight operations in an open and public area. This, along with Anthony's promotional work led to a successful overnight event.



Lessons Learned and Looking Ahead

No Field Day is complete without a little troubleshooting. A misbehaving tuner, a stubborn generator, and shifting propagation kept us on our toes. Each challenge was met with creative problem-solving, reinforcing the value of teamwork and real-time problem management.

Next year, we hope to build on this year's success by:

Expanding outreach efforts

Promoting our overnight operations to draw new operators and possibly attract new mem-

bers.

Setting up additional CW mode stations to increase flexibility and learning opportunities.

Thank You to Our Members and Supporters

Field Day is a club-wide effort, and the heart of its success lies with our volunteers. Thank you to everyone who contributed time, talents, and equipment. Special thanks as well to the City Parks Department for accommo-



dating our needs.

Final Thoughts

ARRL Field Day 2025 was more than just a contest—it was a celebration of friendship, learning, and public service. Whether you made 100 contacts or just one, set up an antenna or simply stopped by for a chat, your participation mattered.

Let's carry this momentum into the coming months as we continue to meet, learn, and serve together. See you on the air—and here's to an even bigger Field Day next year! 📻

ADDITIONAL FIELD DAY RECOGNITIONS

By Anthony Burokas

I wanted to thank **Mike Tharp** for putting on another excellent Field Day activity this year,

handling the reservation with the city, as well as the change of location. Additionally, Gathering up so much gear and bringing it all to Hoblitzelle Park, getting us all the donuts, the coffee, the pizzas and then making everyone a dinner spread of Hamburgers and two kinds of hotdogs, with lots of fixins.

Also **Dave Koch** brought muffins that were delectable and I think we polished them all off.

I also appreciate the help of everyone present to help me get my VHF stack up into the air in an all new fashion this year.

I was happy to see almost all of the people I had conversations with at this year's Ham Fest came by our Field Day Had a great conversation with Dutch about methods of tuning his tube radio for his antenna.

Shawn gave me some good guidance about meshtastic and we also talked about setting up in-home stations.

New Technician, **Xu** made some contacts on HF—a real challenge with so many stations on Field Day.

Adrienne brought her radio and antenna and I was able to walk her through some basics, and looking at photos of her yard, we talked about options for outside antennas.

I regret that I wasn't able to do overnight as originally planned, but I hear overnight was busy as well.

So I thank everyone I got to spend some time and "play radio" with this weekend for making it an enjoyable Field Day.



ONE DELTA: FIELD DAY AT HOME



Field Day at Home

By Neil Gould NE5IL

Due to my health issues, I couldn't attend Field Day this year with PARK. I haven't missed too many Field Days in the 50+ years I have been licensed. In high school and during college summer break, I helped organize the Midland Amateur Radio Club. I did miss a few PARK events because my oldest granddaughter's birthday party was almost always on Field Day weekend. I wouldn't miss those early birthdays for anything.

For the past couple of years, I brought out my digital station and worked FT8. Thanks to the rules change during covid, home

stations can work any other station. I don't have the fanciest station. My antenna is a MFJ all band vertical dipole mounted to a metal fence post. I had a problem connecting WSJT-X to the N1MM logger. I was finally able to get Log4OM to work with WSJT-X. 10m was not good Saturday but pretty good Sunday. 6m was also open Sunday. I usually stay away from 20m because I can't compete on SSB but FT8 and FT4 were good.

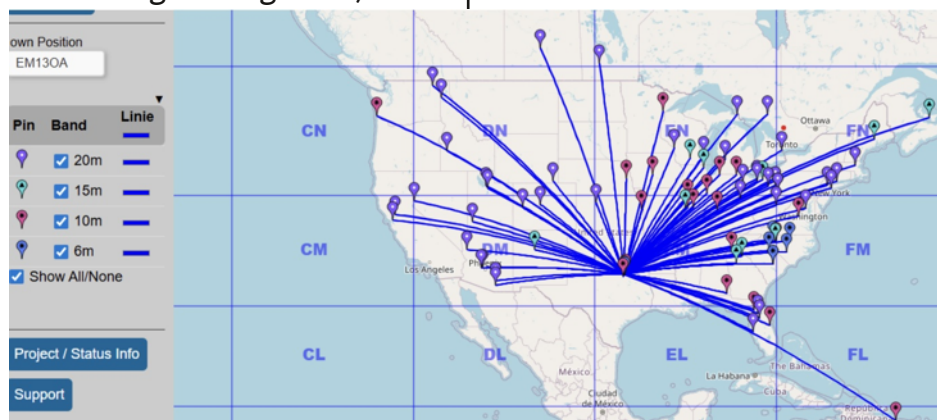
My goal is join with Klub next year.

Below is the summary of my log.

Band	Mode	QSOs	Pts	Pt/Q
14	FT4	12	24	2.0
14	FT8	31	62	2.0
21	FT4	1	2	2.0
21	FT8	11	22	2.0
28	FT8	21	42	2.0
50	FT8	7	14	2.0

Total Both 83 166 2.0
Score: 332

Here is a map of all of my contacts and the bands. 📶



GETTING WEATHER ALERTS LOCALIZED TO YOU

Weather Events & Road Closures

Special Notification Procedures

By Johnie Young, KG5CQO
newham65now@gmail.com

Texas living requires being aware of weather-related events. Citizens can receive notices via text and/or via email for weather events as well as traffic situations and road closures.

Various cities and first responder groups participate with the Nixle notification system.

To receive notices via text simply text your zip code to 888777.

You will receive a short message:

Everbridge Nixle Alerts:
Info at nixle.com

Msg & Data rates may apply
Txt HELP, STOP, ESP (Spanish).

You will now receive text notifications on critical events per your zip code.

You can also sign-up via your computer.

<https://nixle.com>

You will see the text information above.

Plus, you can click on -- 'Resident sign-up and login.' If you are a member of CERT, RACES, ARES, or help out at a cities EOC you can select Nixle for agencies and business. If you do not remember, you can also sign-up as a resident.

Once you sign-up for an account you can add as many locations as desired. If a city you

choose does not subscribe to this feature, this program will indicate that.

Give the location a name, such as the city and use an address near the center of that city. As indicated you can add as many locations as you choose. Be sure to scroll down and click on 'save'.

Be sure to also complete the settings and account section when you first set everything.

You can also sign-up via the NWS—National Weather Service to receive mobile alerting and text messages and e-mail alerts if you participate with emergency managers, community leaders, and other government agencies such as local CERT Teams, RACES Groups, or if you volunteer at your local EOC.

The link below will bring you to the page for signing-up for alerts

<https://inws.ncep.noaa.gov>

Select Register on the top gray bar of this page. You will be able to select type of message and type of alert based on local selected.

Be sure to save your choices as you go.

Weather alerts will be sent at all hours especially for Toronto Warnings (the sound from your phone will be the same sound sent for missing children), and yes it will wake you up.

All alerts can be discontinued or parts can be discontinued at any time. Again, if you do this be sure to save those changes for them to take effect.

Be sure to only sign up for

those you are qualified to receive.

If you are just interested in weather type events, go to the Collin County ARES web page

<https://www.collinares.net>

Check out each sub heading at the top of the page and each part of the individual dropdown menus.

Since most people who read this are 'HAMS', start listing to the twice monthly training nets. You do not have to be a member to listen. This is also the best place to listen when an event is occurring. You will hear weather reports as they happen and before any public (TV or radio) station can report.

I highly recommend, especially if you are new to this area, to learn as much as you can about the different types of weather events that occur in this small part of Texas. You will also begin to see patterns of paths and when and how to be prepared.

I also highly recommend taking the Sky Warn classes which will help especially when you are away from any type of communication.

All of these classes are free and only require your time and energy.

If you are interested in participating then sign-up for groups.io and CCARES and continue with your training.

Hopefully you have learned something new from this article!



HILL COUNTRY FLOODING

The flash floods, triggered by torrential rainfall starting around July 4, 2025, have resulted in at least 120 confirmed deaths across central Texas, with Kerr County, where Center Point is located, reporting 96 fatalities, including 36 children. Over 170 people remain missing, with search and rescue operations ongoing as of July 10, 2025. The Guadalupe River rose 26 feet in just 45 minutes, reaching an elevation of over 37 feet, causing widespread devastation. This event is noted as the deadliest rainfall-driven flash flood in the U.S. since 1976.

Center Point, a small community along the Guadalupe River, experienced severe flooding that devastated local infrastructure, including the Center Point Volunteer Fire Department, which suffered major damage to its interior and equipment. An RV park in the area was also heavily impacted, with reports of significant destruction. Search efforts in Center Point involve multi-agency teams, volunteers, and resources like helicopters, divers, cadaver dogs, and even horses, combing the riverbanks for missing individuals.

Volunteers and first responders, including Center Point's volunteer firefighters like Razor Dobbs, guntubers and gunsmiths with SHERPs have been pivotal. Local businesses, such as Buddy's BBQ, are supporting rescue crews with free meals. A vigil was held in Kerrville's Tivy Antler Stadium to honor victims, particularly those from Camp Mystic.

If you would like to help with the Volunteer Fire Department's lost and destroyed gear feel free to use the QR code provided (this one is real).

Local charities and municipalities have organized drop-off sites in the area. 📶

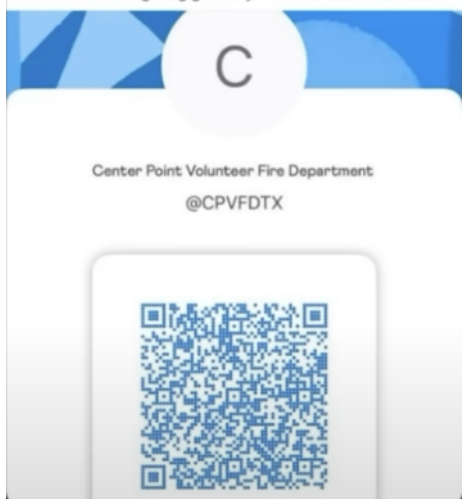


@DonutOperator



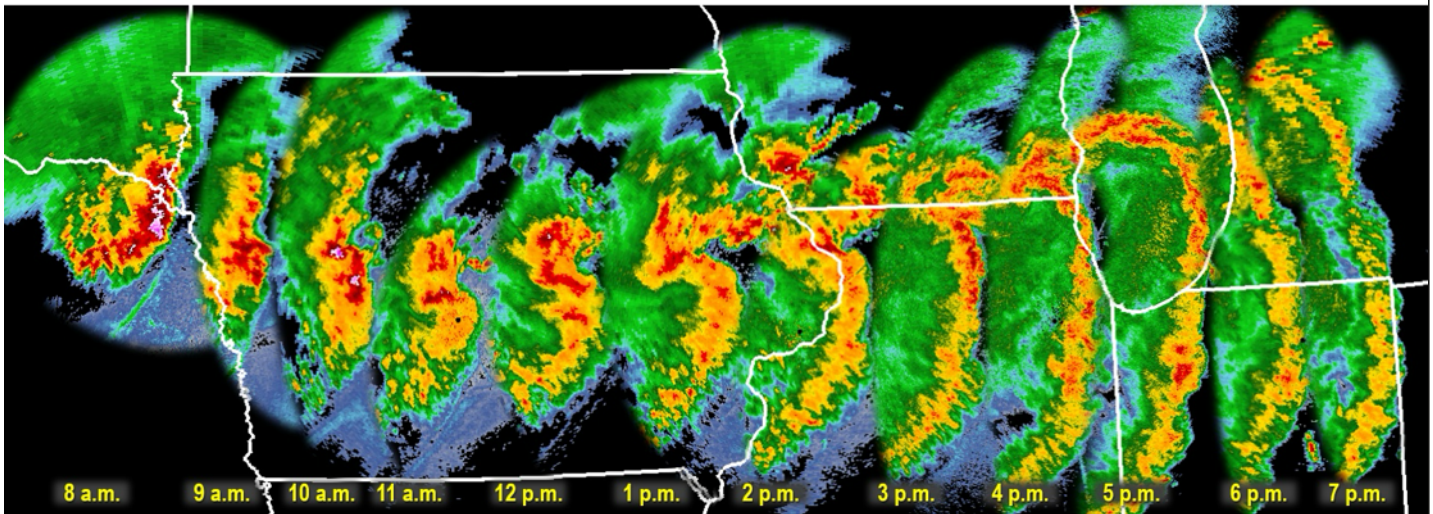
CFD photo

CPVFD has set up a Venmo account to handle the donations that are coming in to us about our flooded station and fire fighting gear. If you would like to... See more




WHAT IS A DERECHO WEATHER EVENT?

August 10, 2020 Derecho: Lowest Angle NWS Radar Reflectivity at One-Hour Time Steps
All times in CDT



This long-lasting, severe wind thunderstorm complex (known as a derecho) produced hundreds of reports of wind damage along with numerous tornadoes.

 NWS Chicago | weather.gov

Aug 11, 2020

Figure 1: 7 States: SD, NE, IA, WI, IL, IN, MI. Over 24 hrs.

Prior to the Hill Country Texas flooding catastrophe, the previous big storm that hit the north side of Texas appeared to be a **Derecho**. Having never heard the term before, I asked Scott Whitfield for a write-up.

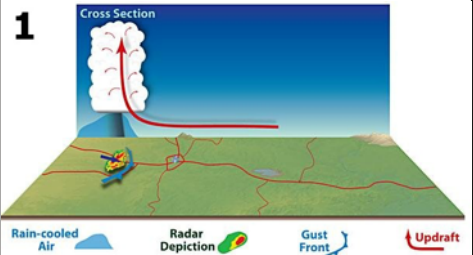
By Scott Whitfield KE5AYC
scottke5ayc@gmail.com

A derecho is a widespread, long-lived wind storm that is associated with a band of rapidly moving showers or thunderstorms. Although a derecho can produce destruction similar to the strength of tornadoes, the damage typically is directed in one direction along a relatively straight swath. As a result, the term "straight-line wind damage" sometimes is used to describe derecho damage. By definition, if the wind damage swath extends more than 240 miles and includes wind gusts of at least 58 mph or greater along

most of its length, then the event may be classified as a derecho.

Derecho development is necessarily tied to the formation of bow echoes. A bow echo usually arises from a cluster of thunderstorms, but also may evolve from a single strong storm. Bow echoes most frequently occur when atmospheric winds are relatively strong and unidirectional (i.e., they vary little in direction with height but increase in speed). As the rain-cooled downdraft of a thunderstorm reaches the earth's surface, it spreads horizontally, most rapidly in the direction of the mean atmospheric flow. As the cool, dense air spreads outward, it forces the lighter, warm and moist air surrounding the storm up along the leading edge of the outflow, or gust front (see figure below, with mean flow assumed to be from left to right). Gust fronts often are marked by a band of omi-

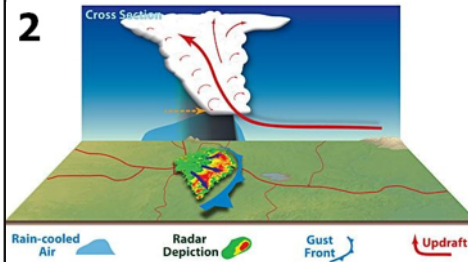
nous, low clouds known as "arcus." (pictured above)



The rain produced by the newer storms reinforces the cold pool, strengthening the inflow of air from the back side of the developing storm complex and encouraging the downward transport of higher momentum winds from aloft. These processes can enable the system to attain a nearly steady-state condition. This increases the longevity and strength of the entire system and is what allows the storm to travel such a large area over a short amount of time. At this point, the convective system typically exhibits a

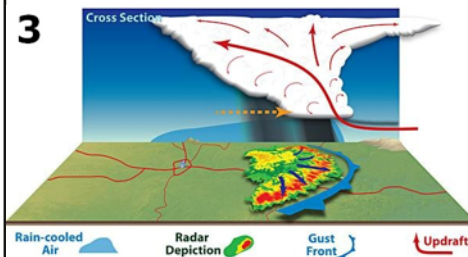
pronounced bow shape on radar (see figure below).

2



As the thunderstorms continue to increase in coverage, even more rain-cooled air reinforces the cold pool (pictured below). The line of storms continue to accelerate either as one large bow echo or multiple smaller bow echoes within an overall line. At this point, widespread and persistent wind damage has been occurring for a prolonged period of time.

3



Scott Whitfield KE5AYC is from neighboring N5SAC ham club. You have undoubtedly rubbed elbows with him at Skywarn training. He is a Skywarn Storm Spotter/Chaser, belongs to Collin County ARES/Dallas County RACES and is the Sachse Skywarn Training Coordinator 📡

FOURTH THURSDAY LUNCH



Poor Richard's Cafe at 11:30a on the Fourth Thursday of the month. We who are able to get away join up and dine on the fine local diner food.

It's a fun time and topics are random. (It's also where I get a lot of ideas for ham radio cartoons!)



THE KB3DVS MAST

By Anthony Burokas KB3DVS
kb3dvs@ieba.com

Back in 2023, I had an idea for a mast launcher system based on the military "launchers" that create a fixed point about 6 or 7 feet in the air through which other vertical mast sections are pushed through. In fact, I owned one of the military systems and with it, I personally hoisted a Mosley TA-33jr (modified to be four elements) up to 55' in the air in my back yard in Philadelphia (no HOA requirements and no neighbors said anything.) You can read more about the mast here:

(<http://www.kb3cvs.com/for-sale/AB-952%20Mast%20Manual.pdf>) But in brief, each tube is 4" in diameter. It twist-locks into the tube above it. Each tube is thick walled and very strong. The base system with the launcher holds 8 tubes that gets you to about 35'. An add-on gets you three more tubes, and there was an offset arm for the top that lets the antenna sit directly over the center of the mast so rota-



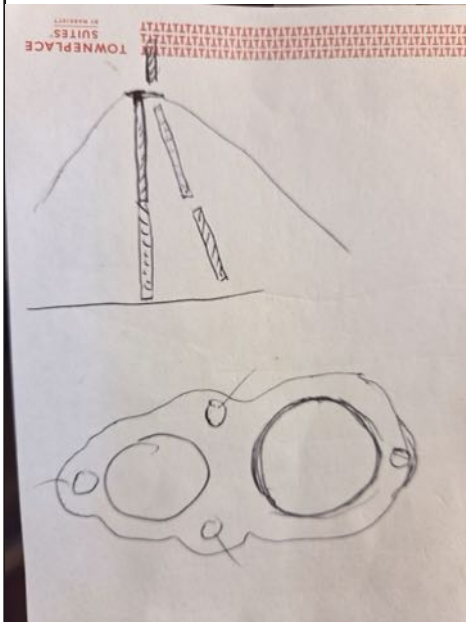
tion was a precise angle for antenna aiming. Base guy wires, 35' guy wires and 50' guy wires would complete the system. I added an additional mast section over the guy wires to hold the antenna on a custom, very large, u-bolt mount I made specifically for this antenna. In the end, it's over 4 stories tall and I had no problem working the world.

I had seen, and purchased many small tubular mast sections, about 2.5" in diameter, that are 4' tall, with about 4" of overlap between sections. These have been commonly found at local hamfests for many years. The Plano club uses them every year for Field Day wire antennas and many members have them in their collection of gear.

At one point in time, an enterprising ham had welded together a metal "tripod" bracket that would utilize three mast sections per leg, for a total of 9 mast sections, to create a fixed point about 7 feet in the air. I remembered my launcher and how it used guy wires to create the "fix" and realized that 2 or 3 sections of mast would be more than enough to create that fixed point in space, along with the guy wires to fix it. No need to waste 9 mast sections that wouldn't even be part of the vertical mast.

The missing piece was a plate that worked with these thinner mast sections, but also enabled a second vertical mast to be pushed through. I found a ham who was making guy wire anchoring plates out of aluminum specifically for the thinner 4'

masts. I reached out to Scott Boutwell (theHamStop.com) and explained my idea. It was kind of hard to convey with words so I drew it.



He liked the idea and saw that it was kind of a natural extension of what he already had so he agreed to have a prototype made. I bought the prototype from him at cost and tried it out, finding a few issues along the way that have been ironed out in subsequent revisions. I used it to set up a pole in my back yard, and make a demo video for Scott.





Finally, in 2025, I had the opportunity to fully deploy the "Burokas Launcher" (Scott doesn't call it that) for Field Day to erect my mast of multiple 2m and 6m antennas plus antenna switch up into the air. My launcher worked exactly as designed—but—it also revealed some key issues.

One of the goals was to use lighter weight mast so that pushing it up would not be as heavy as it is when I use my typical Uncommon USA 25' Flagpole mast. (<https://www.uncommonflagpoles.com/flagpoles/the-original-telescoping-flagpole>) That mast is significantly thicker, and longer sections of about 6 feet. So it gets VERY heavy. Moreover, because of the weight, and how each section locks together, I have to use a rotator, and rotor cabling, in addition to the antennas, coax, switch, and switch control cabling. If the mast was lighter, I felt I could just "armstrong" rotate the mast and not need the rotor. Making it much lighter to get in the air. Yaay!

So I ditched the rotor and cabling. The thinner mast WAS indeed lighter, but once pushed up, I

found out problem number 1: the mast sections are not locked together so rotating the bottom mast section did not have enough force to overcome the friction at the top caused by the anchor plate for the guy wires. So no rotation. Booo.

Problem number 2: one launcher is not enough. Because as I pushed the mast up into the air, it wanted to tip over and fall. There's only ONE pivot point - the launcher - in between, so I managed to keep it up in the air, but I was fighting the wind, and the pull of each person on the guy wires. If they pulled too much to the left, I had to fight their pull, in addition to the wind, in addition to the weight, all in real-time, with the launcher as the pivot point in the middle of this battle.

Solutions: Instead of using 2-sections of tower and one launcher, three sections of tower and two launchers would provide the stability needed to do the majority of "holding in place vertically" and allow the user to focus a lot more on pushing things up. Second, finding a very lightweight rotator would allow me to put it back on the mast, and get directional control back for the beams. Someone suggested finding a way to lock the sections together but the key functionality of this system is based on the fact that these sections slip together easily when raising the mast, and come apart easily when lowering it.

In the end, I was 7 mast sections tall. I did distribute several of my mast sections to other antennas the club needed raised for Field Day. But truth be told, I don't think

I could have safely gone higher with just a single launcher section. With the safety provided by a potential guyed "double-launcher" system at the bottom, I'm certain I could have gone a lot higher because I was not slowed by weight anywhere near as much as I was fighting balance and direction. As it was, I got to about 26 feet, but more important to me, I utilized an idea that was once a drawing I made on paper. My "Burokas Launcher" invention was made real. It was deployed on Field Day 2025, and, despite some limitations and other realizations, it worked exactly as I envisioned it would. It provides a base anchor-point through which I can "launch" the mast vertically, by pushing the sections up, one at a time, through the launcher(s).

As of this writing, the Burokas Launcher is not yet available from The Ham Stop as Scott works through other revisions to the entire system. He has a base anchor setup that further ensures safety and provides other capabilities as well. I used a stake partially driven into the ground to anchor the taller mast. Guy wires plus the Launcher provide two other points to keep the mast from going anywhere. The top guys also force it into the ground, so I was not worried about it "kicking out" at all. I had to empty several inches of dirt from inside the mast when we took it down.

Soon, maybe everyone will be able to start using my Launcher and then the next enterprising inventor will create a revision or upgrade that changes the game again. 📡

LIST OF SALE ITEMS AVAILABLE AT THE CLUB AUCTION (MEETING DAY)

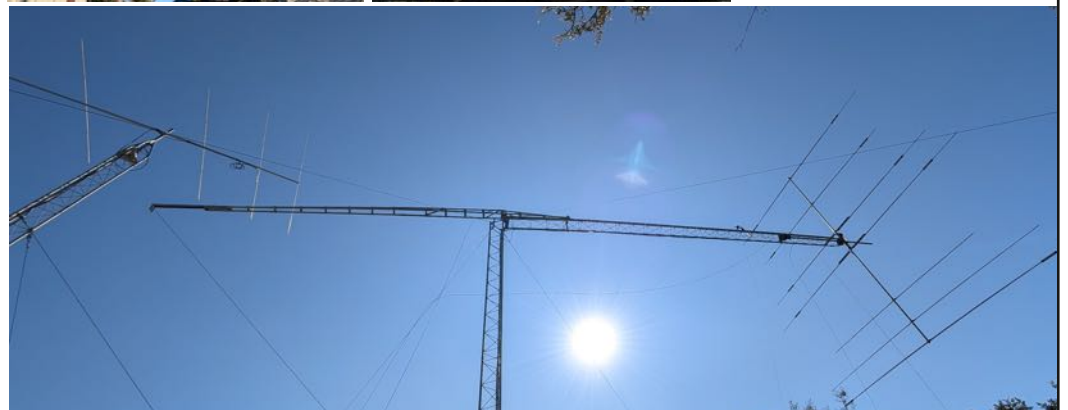
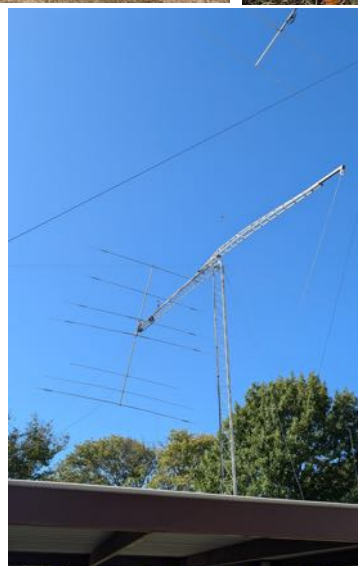
By Tim Johnson, President
president@K5prk.net

2 meter 4 Element Yagi
30 drawer parts bin with 7400 series TTL chips
48 drawer parts bin
70 cm 11 Element Yagi
Aluminum Electric Fence Wire - Roll -
Ameritron RCS-8V 5-position remote antenna
Switch with controller
Ameritron AL-80A Linear amp
Anzac AM-110 .5-100 MHz 30 dB Amplifier x2
Bag of UHF Stuff
Barker & Williamson Model 427 Low Pass Filter
Bestek 400 Watt 12VDC to 110VAC Inverter
Bird Wattmeter Model 43 & Slugs
Copper Gound Wire ~125 Feet
DB9 - Fiber Adapter Set - Math Associates Model
XR-2500A-1
Diawa DC-401 4-position antenna Switch
Drake MS-4 Speaker
Drake R-4C Receiver
Drake R-4C Receiver
Drake T-4 XC Transmitter
Drake W-4 2 KW Wattmater
Fluke 8020B Digital Multimeter
HP 8494B 11dB Variable Attenuator DC-18GHz
HP 8495B 70dB Variable Attenuator DC-18GHz
Kenwood TS-590s w/ MC-60 Microphone
Lafayette 99-2569 Speaker
Lafayette HA-225 Receiver
Lafayette HA-230 Receiver
Long Power Strip
Palstar Model ZM-30 Antenna Anayzer
Pelican Case 1620
Phaser 30 meter Digital Mode Tranceiver Kit
Rack Mount Fan Assembly Model 7217 - 3 Fans -
225 CFM - 110VAC
Radio Shack Pro-95 Scanner w/ power brick,
progrearming cable and antenna
Reel of RG6/U 75 Ohm Coax Cable
Renogy 100 Watt Solar Cell & Model LMS2430
Controller w/ frame
Rigblaster Plug & Play External Sound Card
Roll of multi-twisted pair cable x3
Simpson 260 Multimeter

Texscan Model RA-734 11 dB Variable Attenuator
Tymeter Classic Digital 24 hour clock
Uniden TrunkTracker II BCD396T Scanner w/ power
brick and programming cable
West Mountain Radio Rigblaster Advantage w/
misc cables
Yaesu FT-1000 Tranceiver
Yea-su 7501-011 Rotator & G-400RC Rotator
Controller w/ Cables



PHOTOS OF ANTENNAS FOR AUCTION (TAKE-DOWN AND HAUL-AWAY)



PUNE HAMS EYEBALL QSO

By Rabde Vilas
rabde.vilas@gmail.com
[via Sean Kelly]



Hello VU Hams
Pune Hams VU2RCP monthly
Eyeball QSO commenced today
morning i. e. Sunday 5th July
2025.

The meeting started with Net-
working Tea and Eyeball QSO.

OM Pratik Jha VU3YEK updated
the proposed location of the
Tilak bungalow on Fort Sinhgad.

Antenna installation, Solar
Power Supply, weatherproof en-
closure, Routine maintenance,
installation details etc were dis-
cussed.



VU3IZK OM Ranga gave pre-
sentation and demonstrated Fox
Delta make 70W HF Linear Am-
plifier using 50 Ohm 100W
Dummy Load.

Pl visit <https://>

www.foxdelta.in for more details
4599560c-bb6a-4e10-997d-
8d5b40613cf7.png.

The purpose of this demo was
to support newcomers on Air.

Hundreds of Grade II QRP radio
users (like BiTx users) are look-
ing for a little boost to their 1 or
5 watt radios.



Fox Delta HF Linear Amplifier
PA-100M is a 50-70W IRF510
RF amplifier.

It is not just an amp module
but a complete Amplifier with
interesting features such as:

1. 4 X IRF510 as power amp with
a driver IRF510
 2. Built-in dual channel SWR me-
ter with PIC18F4550 which mea-
sures FWD/REF/SWR of the
output stage and also measures
INPUT forward power to the am-
plifier. A free PC software by
Tony/I2TZK for bridge parameter
config.
 3. PA-100M operates on any volt-
age range from 15V to 36V with
24-28 thought to be ideal. It may
be powered from 12V too, with
small mod.
 4. This amp is supplied in a metal
case with a heavy aluminum heat
sink.
 5. On operating it using a hand-
held Mic with PTT connected to
the transceiver HF signals micro-
bitx V 6, the unit delivered a
power of around 50W as seen on
its display.
- The live demo was most inter-
esting and well received by young

budding Hams from MIT Engg
College

VU3ZNE OM Parth announced
two weeks Radio Astronomy
Training Program in detail with
Syllabus.

Pl refer enclosed ppt.

Follow this link to join. The Ra-
dio Astronomy group is formed
for the participants of 2 weeks
Workshop based on 21cm Radio
Telescope made by VU3ZNE OM
Parth Darade.

Join WhatsApp group: [https://
chat.whatsapp.com/Kt7iKXt6U-
gyGv1OfsHER7g](https://chat.whatsapp.com/Kt7iKXt6U-gyGv1OfsHER7g)



A 21 cm radio telescope is a Galaxy observation type of radio telescope designed to detect the 21 cm hydrogen line, a spectral line emitted by atomic hydrogen. This line is important in astronomy because hydrogen is the most abundant element in the universe, making it a useful tracer for studying the distribution of gas in galaxies and the structure of the early universe.

The 21 cm line is a spectral line at a wavelength of 21 centimeters (or 1420.405 MHz frequency) emitted by atomic hydrogen. This line arises from the "spin-flip" transition of the hydrogen atom's electron, where it changes from an aligned to an anti-aligned spin state.

The 21 cm line is a narrow and well-defined line, making it a valuable tool for studying the distribution and velocity of hydrogen gas in galaxies and other astronomical objects.



The next Eyeball QSOMeet will be in MIT campus.

Cosmos Club is the Host.

Thanks to Karne madam for Invitation.

Keep 3rd August 25 Sunday morning Free for next Eyeball QSO. 73's

Vilas Rabde VU2VPR 📶

I DARE YOU!

Take a stab!

I dare you to beat my score.

It isn't necessary to hit my score quickly. Just share your score on QRZ or facebook.

We'll enjoy growing along with you.

If my math is right I scored 20 points while I was a technician.

The glove is thrown, my radio friends.

YOU can do it!

—KG5WHQ

RADIO QUEST TECHNICIAN LEVEL	
<input checked="" type="checkbox"/>	Found an Elmer(someone to answer how-to questions)
<input checked="" type="checkbox"/>	Listened on a frequency before talking
<input checked="" type="checkbox"/>	Used your call sign on your handy talkie(HT)
<input checked="" type="checkbox"/>	Spoke to another person on a regular (simplex) frequency)
<input checked="" type="checkbox"/>	Spoke on club repeater
<input type="checkbox"/>	Sent an APRS update
<input checked="" type="checkbox"/>	Logged in on QRZ.com and created a logbook
<input type="checkbox"/>	Made a contact via satellite/ISS on an HT
<input checked="" type="checkbox"/>	Got my grid location
<input checked="" type="checkbox"/>	Gave a signal report
<input type="checkbox"/>	Send a CW/Morse code CQ
<input checked="" type="checkbox"/>	Attended a ham club meeting
<input checked="" type="checkbox"/>	Joined the ARRL
<input checked="" type="checkbox"/>	Checked-in on a club info net
<input checked="" type="checkbox"/>	Asked a question on a net or a club meeting
<input checked="" type="checkbox"/>	Joined breakfast Eyeball QSO on Saturday
<input checked="" type="checkbox"/>	Passed a license exam
<input checked="" type="checkbox"/>	Signed up for EchoLink
<input type="checkbox"/>	Bought a cheap Chinese radio
<input checked="" type="checkbox"/>	Bought an expensive Japanese radio
<input type="checkbox"/>	Built a radio
<input checked="" type="checkbox"/>	Built a j-pole/2m antenna
<input type="checkbox"/>	Made a balun
<input type="checkbox"/>	Made an RF choke
<input type="checkbox"/>	Made a go-bag/go-box
<input type="checkbox"/>	Went on a POTA expedition
<input checked="" type="checkbox"/>	Asked a new contact what radio/antenna they were using
<input checked="" type="checkbox"/>	Was asked what radio/antenna you are using
<input checked="" type="checkbox"/>	Served as a net control operator
<input type="checkbox"/>	Join the ARRL

RADIO QUEST TECHNICIAN LEVEL

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<input type="checkbox"/>	Served as a net control operator
<input type="checkbox"/>	Join the ARRL

CHECK ALL THAT YOU HAVE COMPLETED. HAVE YOU FULFILLED THIS MONTH'S QUEST?

DO YOU HAVE SUGGESTIONS FOR NEXT MONTH'S RADIOQUEST?
LET ME KNOW HOW YOU DID. POST SCREENCAPS ON FACEBOOK FOR BRAGGING RIGHTS!

newsletter@k5prk.net

RADIO QUEST

GENERAL LEVEL

<input type="checkbox"/>	Tuned up your first HF frequency
<input type="checkbox"/>	Made a DX contact(out of the continental US)
<input type="checkbox"/>	Joined a traffic net
<input type="checkbox"/>	Sent a radiogram
<input type="checkbox"/>	Worked a Field Day contact
<input type="checkbox"/>	Participated in a contest
<input type="checkbox"/>	Used a digital mode
<input type="checkbox"/>	Sent an email over the radio
<input type="checkbox"/>	Connected your radio to the computer/internet
<input type="checkbox"/>	Used a SWR meter
<input type="checkbox"/>	Grounded your station
<input type="checkbox"/>	Grounded your antenna
<input type="checkbox"/>	Applied a lightning arrestor
<input type="checkbox"/>	Drove a ground rod
<input type="checkbox"/>	Computed RF emissions for your station
<input type="checkbox"/>	Ran your station on a battery
<input type="checkbox"/>	Powered your station from a car power supply
<input type="checkbox"/>	Created your first scratch paper log
<input type="checkbox"/>	Installed logging software(such as hamrs/n1mm)
<input type="checkbox"/>	Logged on to LOTW
<input type="checkbox"/>	Used a pi*star
<input type="checkbox"/>	Used a Watt meter
<input type="checkbox"/>	Made a counterpoise
<input type="checkbox"/>	Threw a wire up in a tree for an antenna
<input type="checkbox"/>	Know who Dave Cassler is
<input type="checkbox"/>	Have given a Roger Roger (RR)
<input type="checkbox"/>	Stood on a ladder and wondered "Will it antenna?"
<input type="checkbox"/>	Joined RACES
<input type="checkbox"/>	Listened to a weather net

CHECK ALL THAT YOU HAVE COMPLETED. HAVE YOU FULFILLED THIS MONTH'S QUEST?

DO YOU HAVE SUGGESTIONS FOR NEXT MONTH'S RADIOQUEST?
LET ME KNOW HOW YOU DID. POST SCREENCAPS ON FACEBOOK FOR BRAGGING RIGHTS!

newsletter@k5prk.net

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<input checked="" type="checkbox"/>	Used a digital mode
<input checked="" type="checkbox"/>	Sent an email over the radio
<input checked="" type="checkbox"/>	Connected your radio to the computer/internet
<input checked="" type="checkbox"/>	Used a SWR meter
<input checked="" type="checkbox"/>	Grounded your station
<input checked="" type="checkbox"/>	Grounded your antenna
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<input checked="" type="checkbox"/>	Drove a ground rod
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<input checked="" type="checkbox"/>	Stood on a ladder and wondered "Will it antenna?"
<input checked="" type="checkbox"/>	Joined RACES
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I DARE YOU!

Take a stab!

I dare you to beat my score. It isn't necessary to hit my score quickly. Just share your score on QRZ or facebook.

We'll enjoy growing along with you.

If my math is right I scored 27 points while I was a general.

The glove is thrown, my radio friends.

YOU can do it!

—KG5WHQ

**Email
your scores to
NEWSLETTER@K5PRK.NET
There will be a prize.**

CLUB CALENDAR

JULY

Sunday29		Monday30		Tuesday1	
1p Military Veterans D-Star Net @ REF026A 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B		7:30p Texas ARES Net @ 3.873 MHz 8:30p MARC Simplex net		7p DARC (Dallas) General Meeting 7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B 8p Lucas Open Net RAC Canada Day Contest QCX Challenge	
1p Military Veterans D-Star Net @ REF026A 7p DARC (Dallas) Meeting on the Air 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B 9p Collin County ARES @ WD5ERD NZART Memorial Contest CQ Worldwide VHF SSB/CW Contest TA VHF/UHF Contest Marconi Memorial HF Contest Original QRP Contest PODXS 070 Club 40m Firecracker Sprint		6	7p K5PRK General Meeting 7p GARC (Garland) Club Meeting 7:30p Texas ARES Net @ 3.873 MHz 7:30p RWK -- Meeting on the Air @ 147.12, PL110.9 8:30p MARC Simplex net RSGB 80m Club Championship, CW	7	7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B 8p Lucas Open Net ARS Spartan Sprint DARC RTTY Sprint
IARU HF WORLD CHAMPIONSHIP 1p Military Veterans D-Star Net @ REF026A 2p Texas RACES Net (HF) @ 7.255MHz 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B SKCC Weekend Sprintathon QRP ARCI Summer Homebrew Sprint		13	7:30p Texas ARES Net @ 3.873 MHz 8:30p MARC Simplex net K1USN Slow Speed Test 4 States QRP Group Second Sunday Sprint ICWC Medium Speed Test OK1WC Memorial (MWC)	14	7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B 8p Lucas Open Net Worldwide Sideband Activity Contest ICWC Medium Speed Test
1p Military Veterans D-Star Net @ REF026A 7p DARC(Dallas) Meeting On The Air 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B 9p Collin County ARES Training Net @ W5MRC LABRE DX Contest CQ Worldwide VHF Digital Contest IARU Region 170 MHz Contest North American QSO Party, RTTY		20	6p VE Testing @ K5PRK 7p K5PRK General Meeting 7p CLUB AUCTION 7:30p Texas ARES Net @ 3.873 MHz 8p American Legion Post 315 Radio Club Net @ W5SRA 8:30p MARC Simplex net Run for the Bacon QRP Contest K1USN Slow Speed Test ICWC Medium Speed Test OK1WC Memorial (MWC)	21	7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B 8p Lucas Open Net Worldwide Sideband Activity Contest ICWC Medium Speed Test
1p Military Veterans D-Star Net @ REF026A 2p Texas RACES Net (HF) @ 7.255 MHz 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B FRAPR 10M Contest MARAC US Counties QSO Party ARAM 50 MHz Contest RSGB IOTA Contest Alabama QSO Party ARS Flight of the Bumblebees		27	7p DARC (Dallas) Geek Net 7p GARC (Garland) Club Meeting 7:30p Texas ARES Net @ 3.873 MHz 8:30p MARC Simplex net K1USN Slow Speed Test ICWC Medium Speed Test OK1WC Memorial (MWC) RSGB FT4 Contest ICWC Medium Speed Test	28	7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B 7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 8p Lucas Open Net Worldwide Sideband Activity Contest ICWC Medium Speed Test

JULY

JULY			
Wednesday 2	Thursday 3	Friday 4	Saturday 5
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 8p PARK Informal Net @ 147.180+ MHz, (107.2) 8p Simplex Net @ 146.54 MHz VHF-UHF FT8 Activity Contest	11a GARC (Garland) Crony Lunch @ Judy's Cafe 7p HAM (Mesquite) Monthly Meeting 8p GARC (Garland) InfoNet 8p Denton County ARES Training Net Walk for the Bacon QRP Contest NRAU 10m Activity Contest SKCC Sprint Europe	Independence Day 8:30,9a North Texas Hospital Radio Club weekly check in Walk for the Bacon QRP Contest	12p Garland "Hands-On" Gathering 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A Venezuelan Ind. Day Contest FOC Old School Classic 1960s QSO Party NZART Memorial Contest
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 8p PARK Informal Net @ 147.180+ MHz, (107.2) 8p Simplex Net @ 146.54 MHz VHF-UHF FT8 Activity Contest	11a GARC (Garland) Crony Lunch @ Judy's Cafe 8p GARC (Garland) InfoNet 8p Denton County ARES Training Net	8:30,9a North Texas Hospital Radio Club weekly check in	IARU HF WORLD CHAMPIONSHIP 9a W5YI VE Test Session @ Wylie 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A SKCC Weekend Sprintathon
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 8p PARK Informal Net @ 147.180+ MHz, (107.2) 8p Simplex Net @ 146.54 MHz 7p Murphy CERT Net @ W5SRA Phone Weekly Test A1Club AWT CWops Test (CWT) Mini-Test 40 VHF-UHF FT8 Activity Contest Mini-Test 80	11a GARC (Garland) Crony Lunch @ Judy's Cafe 8p GARC (Garland) InfoNet 8p Denton County ARES Training Net Walk for the Bacon QRP Contest NAQCC CW Sprint CWops Test (CWT) NTC QSO Party	8:30,9a North Texas Hospital Radio Club weekly check in NCCC FT4 Sprint QRP Fox Hunt Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test	9a W5SRA Laurel VE Test Session 9a GARC (Garland) ECC Open House 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A LABRE DX Contest Russian Radio Team Championship Trans-Tasman Low-Bands Challenge YOTA Contest CQ Worldwide VHF Digital Contest Feld Hell Sprint IARU Region 170 MHz Contest North American QSO Party, RTTY
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 8p PARK Informal Net @ 147.180+ MHz, (107.2) 8p Simplex Net @ 146.54 MHz CWops Test (CWT)	12p Fourth Thursday Lunch 11a GARC (Garland) Crony Lunch @ Judy's Cafe 8p GARC (Garland) InfoNet 8p Denton County ARES Training Net CWops Test (CWT)	8:30,9a North Texas Hospital Radio Club weekly check in NCCC FT4 Sprint QRP Fox Hunt Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test	7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 8p PARK Informal Net @ 147.180+ MHz, (107.2) 8p Simplex Net @ 146.54 MHz Phone Weekly Test A1Club AWT CWops Test (CWT) Mini-Test 40 Mini-Test 80	11a GARC (Garland) Crony Lunch @ Judy's Cafe 8p GARC (Garland) InfoNet 8p Denton County ARES Training Net CWops Test (CWT)	8:30,9a North Texas Hospital Radio Club weekly check in	12p Garland "Hands-On" Gathering 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A 222 MHz and Up - Distance Contest

AUGUST

Sunday3		Monday4		Tuesday5	
1p Military Veterans D-Star Net @ REF026A 7p DARC (Dallas) Meeting on the Air 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B 9p Collin County ARES @ WD5ERD 222 MHz and Up Distance Contest North American QSO Party, CW Hemus VHF Contest - 144 MHz SARL HF Phone Contest		7p K5PRK Board Meeting @ Jits 7p GARC (Garland) Club Meeting 7:30p Texas ARES Net @ 3.873 MHz 7:30p RWK -- Meeting on the Air @ 147.12, PL 110.9 8:30p MARC (McKinney) Simplex Net @ 146.54 K1USN Slow Speed Test ICWC Medium Speed Test OK1WC Memorial (MWC) ICWC Medium Speed Test		7p DARC (Dallas) General Meeting 7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B ARS Spartan Sprint ZL Sprint Worldwide Sideband Activity Contest ICWC Medium Speed Test	
1p Military Veterans D-Star Net @ REF026A 2p Texas RACES Net (HF) @ 7.255MHz 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B WAE DX Contest, CW SKCC Weekend Sprintathon YB Bekasi Merdeka Contest Maryland-DC QSO Party SARL HF Digital Contest		7:30p Texas ARES Net @ 3.873 MHz 8:30p MARC (McKinney) Simplex Net @ 146.54 K1USN Slow Speed Test 4 States QRP Group Second Sunday Sprint ICWC Medium Speed Test OK1WC Memorial (MWC) ICWC Medium Speed Test MMMonVHF/DUBUS 144 MHz Meteorscatter		7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B MMMonVHF/DUBUS 144 MHz Meteorscatter Worldwide Sideband Activity Contest ICWC Medium Speed Test ZL Sprint DARC FT4 Contest	
1p Military Veterans D-Star Net @ REF026A 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B 9p Collin County ARES Training Net @ W5MRC 10 GHz and up - round 1 EME - 2.3 GHz and up Rookie Roundup - RTTY SARTG WW RTTY Contest Russian District Award Contest SARL Youth QSO Party		6p VE Testing @ K5PRK 7p K5PRK General Meeting 7:30p Texas ARES Net @ 3.873 MHz 8p American Legion Post 315 Radio Club Net @ W5SRA 8:30p MARC (McKinney) Simplex Net @ 146.54 K1USN Slow Speed Test ICWC Medium Speed Test OK1WC Memorial (MWC) RSGB FT4 Contest ICWC Medium Speed Test		7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B Worldwide Sideband Activity Contest ICWC Medium Speed Test ZL Sprint	
1p Military Veterans D-Star Net @ REF026A 2p Texas RACES Net (HF) @ 7.255MHz 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B Hawaii QSO Party ARSI VU DX Contest YO DX HF Contest Ohio QSO Party CVA DX Contest, SSB SARL HF CW Contest		7p DARC (Dallas) Geek Net @ W5FC 7p GARC (Garland) Club Meeting 7:30p Texas ARES Net @ 3.873 MHz 8:30p MARC (McKinney) Simplex Net @ 146.54 K1USN Slow Speed Test QCX Challenge ICWC Medium Speed Test OK1WC Memorial (MWC)		7p HAM (Mesquite) InfoNet @ WJ5J (145.310 PL 110.9) 7:30p Ark-La-Tex D-Star Net @ REF048B 8p Texas D-Star Net @ REF004B Worldwide Sideband Activity Contest ICWC Medium Speed Test QCX Challenge ZL Sprint	
1p Military Veterans D-Star Net @ REF026A 7p Intl D-Star Net @ REF001C 8p K5TIT D-Star Net @ REF33B SCRY/RTTYOps WW RTTY Contest ALARA Contest U.S. Islands QSO Party World Wide Digi DX Contest Colorado QSO Party Kansas QSO Party					

AUGUST

Wednesday 6	Thursday 7	Friday 8	Saturday 9
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB VHF-UHF FT8 Activity Contest Phone Weekly Test A1Club AWT CWops Test (CWT) Mini-Test 40 Mini-Test 80	11a GARC (Garland) Crony Lunch @ Judy's Cafe 7p HAM (Mesquite) Monthly Meeting 8p GARC (Garland) InfoNet Walk for the Bacon QRP Contest NRAU 10m Activity Contest SKCC Sprint Europe CWops Test (CWT)	Walk for the Bacon QRP Contest QRP Fox Hunt NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test	9a W5YI VE Test Session @ Wylie 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A WAE DX Contest, CW FISTS Saturday Sprint SKCC Weekend Sprintathon YB Bekasi Merdeka Contest Maryland-DC QSO Party Kentucky State Parks on the Air 50 MHz Fall Sprint
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 13 8:30p NTx ARES Net @ 3860 MMMonVHF/DUBUS 144MHz Scatter NAQCC CW Sprint Phone Weekly Test A1Club AWT CWops Test (CWT) VHF-UHF FT8 Activity Contest Mini-Test 40 Mini-Test 80	11a GARC (Garland) Crony Lunch @ Judy's Cafe 14 8p GARC (Garland) InfoNet CWops Test (CWT)	NCCC FT4 Sprint QRP Fox Hunt Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test 15	9a W5SRA Laurel VE Test Session 16 12p Garland "Hands-On" Gathering 7p DARC (Dallas) Tech Net 9p Saturday Night D-STAR Net@REF029A 10 GHz and up - round 1 EME - 2.3 GHz and up SARTG WW RTTY Contest Russian District Award Contest SARL Youth QSO Party Keyman's Club of Japan Contest Feld Hell Sprint North American QSO Party, SSB
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 20 7p Murphy CERT Net @W5SRA Phone Weekly Test A1Club AWT CWops Test (CWT) Mini-Test 40 Mini-Test 80	11a GARC (Garland) Crony Lunch @ Judy's Cafe 21 8p GARC (Garland) InfoNet Walk for the Bacon QRP Contest CWops Test (CWT) NTC QSO Party	NCCC FT4 Sprint QRP Fox Hunt Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test 22	7p DARC (Dallas) Tech Net 23 9p Saturday Night D-STAR Net@REF029A Hawaii QSO Party ARSI VU DX Contest YO DX HF Contest Ohio QSO Party CVA DX Contest, SSB
6:50p NTx Readiness QST Net @ 7.27750 MHz LSB 27 SKCC Sprint Phone Weekly Test A1Club AWT CWops Test (CWT) Mini-Test 40 Mini-Test 80	12p Fourth Thursday Ham Lunch 28 11a GARC (Garland) Crony Lunch @ Judy's Cafe 8p GARC (Garland) InfoNet CWops Test (CWT)	NCCC FT4 Sprint QRP Fox Hunt Weekly RTTY Test NCCC Sprint K1USN Slow Speed Test SCRY/RTTYOps WW RTTY Contest 29	7p DARC (Dallas) Tech Net 30 9p Saturday Night D-STAR Net@REF029A SCRY/RTTYOps WW RTTY Contest Feld Hell Sprint ALARA Contest U.S. Islands QSO Party World Wide Digi DX Contest Colorado QSO Party Kansas QSO Party

2025 Plano Balloon Festival

Ham Radio Volunteer Hands-On Training



Calling All Ham Radio Operators!

Join us for a hands-on volunteer training and get a behind-the-scenes look at hot air balloon setup, launch, and recovery. Whether you're a seasoned operator or new to the scene - come out and gear up for a fun, informative, and prize-filled morning

Raffle and Prizes!

All licensed Hams who attend are eligible to enter! The grand prize will include a Ham Radio Go bag including a Baofeng HT, first aid kit, multi-tool, and more!
Must be present to win!



What to Expect

- Hands-on balloon operations experience
- Overview of volunteer roles: Field, Recovery, Staging, Refueling, Ramp, NCS
- Q&A session with Ham Radio leadership
- On-site shift sign-ups
- Meet the Launch Directors & Ops Team

What to Bring

- Closed-Toe Shoes
- Sunscreen
- Bug Spray
- Hat or Visor
- Camp Chair
- Enthusiasm!

WHEN: Saturday, August 9, 2025 @ 0700

WHERE: Oak Point Park (Red Tail Pavilion)
2801 East Spring Creek Parkway
Plano, Texas 75024



For more information, contact Robert Davis AD5NR

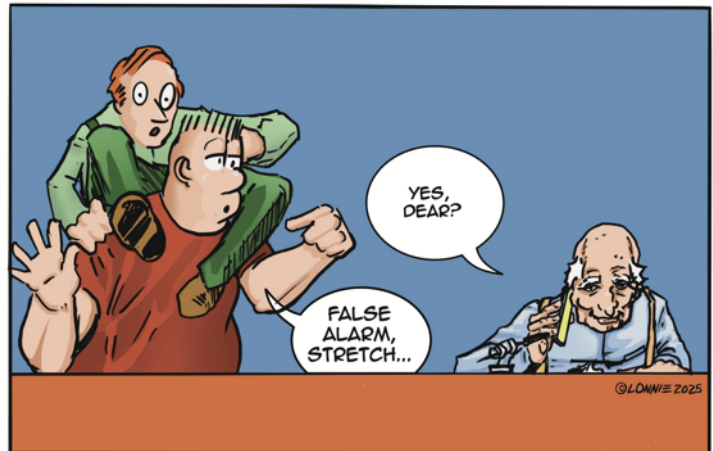
PH: (214) 868-6664

Email: ad5nr.robert@gmail.com

Together, let's make the 2025 PBF safe, smooth, and unforgettable!

MIKE CALL

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SHOVEL & LIME

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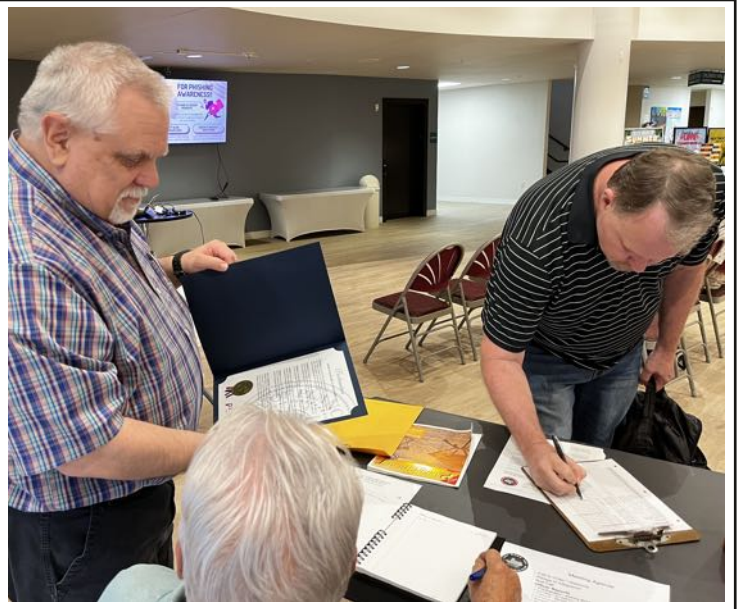


BILLY, THE BAD HAM

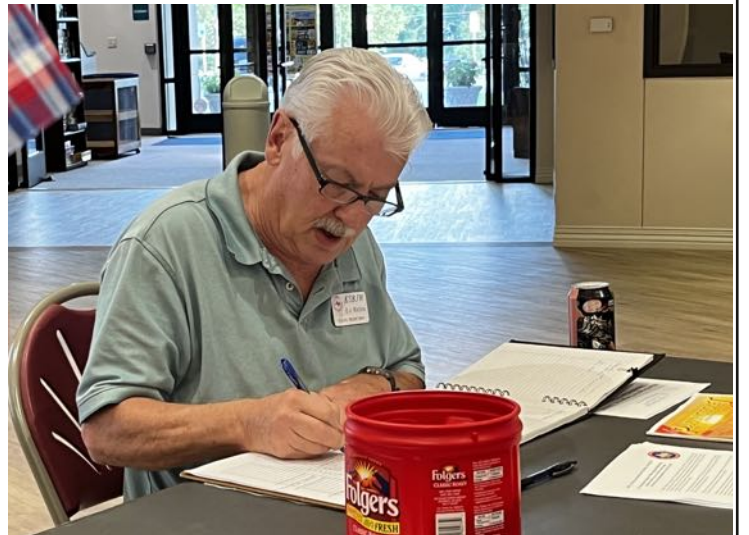
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ACTION PHOTOS



ACTION PHOTOS



FIELD DAY BULLETIN

2025 ARRL Field Day Bulletin

RLX007 follows
RLX007 follows
ZCZC AX07
QST de W1AW
Special Bulletin 7 ARLX007
From ARRL Headquarters
Newington CT June 27, 2025
To all radio amateurs
SB SPCL ARL ARLX007
ARLX007 2025 W1AW Field Day Bulletin

ARRL Field Day 2025 is here!

You are participating in the largest amateur radio event of the year. Across North America, hams are coming together, getting on the air, and sharing their passion for the Amateur Radio Service.

The theme this year is "Radio Connects." Amateur radio connects people across generations, across town, across the country, and around the world. It serves as a pathway into careers for future technical leaders.

ARRL Field Day is an opportunity to showcase our skills to the public. Give visitors a warm welcome and make them feel a part of it!

Remember to publicize your activation using social media with the hashtag, #ARRLFD.

Want to have your photos appear in QST? Be sure to share your stories and photos via the Field Day Soapbox.

Don't forget to submit your entry using the online entry form at field-day.arrl.org before 2059 UTC on Tuesday, July 29, 2025.

Good luck and 73!

NNNN

GL de W1AW

This is ARRL Headquarters Station W1AW in Newington CT.

Our Field Day event was published in the Community Impact Calendar--Thank you, Rob Forson!

Email content

COMMUNITY IMPACT



Plano Amateur Radio Klub Field Day

📍 Hoblitzelle Park



Sat, Jun 28 - 29
1:00pm - 1:00pm

[WEBSITE](#)

Plano Amateur Radio Klub is having its annual Field Day demonstration and exercise. The public is invited to observe and participate.

FULL DESCRIPTION

The Plano Amateur Radio Klub is having its annual Field Day demonstration and exercise at Hoblitzelle Park June 28 and 29. Field Day is a combination of practicing emergency preparedness - how to communicate when there is no electrical power and cell phones do not work - along with a 24 hour demonstration of science and technology where the public can observe and even participate! Local dignitaries have been invited and Plano Fire-Rescue is scheduled to attend. Please join us on Field Day!

Proclamation

AMERICAN RADIO RELAY LEAGUE FIELD DAY

WHEREAS, the American Radio Relay League (ARRL), founded in 1914 by Hiram Percy Maxim, is dedicated to advancing the art, science and enjoyment of amateur radio, while diligently maintaining communication readiness at local, state, and global levels in preparation for emergencies; and

WHEREAS, the Amateur Radio Service has consistently proven its ability to provide emergency communication services during disasters, power outages and public emergencies when all other forms of communications fail; and

WHEREAS, Amateur Radio Operators regularly serve as severe weather spotters to provide “ground truth” for the National Weather Service SKYWARN system; and

WHEREAS, Plano is home to over 1000 licensed Amateur Radio Operators who diligently maintain communication readiness on a local, state and worldwide basis in preparation for emergencies in the *City of Excellence* and beyond; and

WHEREAS, on June 28-29, 2025, Amateur Radio Operators will celebrate ARRL Field Day through their efforts to practice and refine the skills needed to support emergency management and communications;

NOW, THEREFORE, I, JOHN B. MUNS, MAYOR OF THE CITY OF PLANO, TEXAS, do hereby proclaim **June 22-29, 2025**, as **Amateur Radio Week** in Plano, and I do thereby encourage all citizens to join me and the Plano City Council in recognizing the valuable role that amateur radio plays in public safety, emergency response and communication.




Office of the Mayor





Proclamation

WHEREAS, Amateur Radio Operators provide critical communication services and assistance to emergency response organizations during power outages and other natural disasters; and

WHEREAS, Amateur Radio Operators have provided countless hours of community service and free radio communications to local not-for-profit and charitable organizations; and

WHEREAS, Amateur Radio Operators regularly serve the community as severe weather spotters for the National Weather Service SKYWARN program; and

WHEREAS, Amateur Radio Operators generously operate privately owned communication resources for the welfare and common good of Collin County's citizens; and

WHEREAS, Collin County is home to over 5,000 licensed Amateur Radio Operators who diligently maintain communications readiness on a local, state, and worldwide basis in preparation for emergencies in our county and around the state; and

WHEREAS, Amateur Radio Operators practice and refine their communication skills during the annual Amateur Radio Relay League Field Day exercises, held on June 28 & 29, 2025;

Now, therefore, in recognition of the

Plano Amateur Radio Klub (K5PRK)

I hereby proclaim the week of June 23 through 29, 2023, as

Amateur Radio Week in Collin County



A blue ink signature of Chris Hill, N5NV, written over a horizontal line.

Chris Hill, N5NV
Collin County Judge
June 1, 2025



THE STATE OF TEXAS

GOVERNOR



*To all to whom these presents shall come,
Greetings: Know ye that this official recognition is presented to all observing*

Amateur Radio Week

June 22-29, 2025

Since the invention of the medium in the late 19th century, radio has sparked curiosity and connection among its listeners. Amateur radio operators, often called "hams," enthusiastically embraced this form of communication from its earliest days, connecting to others across the world for the purposes of recreation, experimentation, and public service.


In times of natural disaster, terrorist attacks, and strife, when other forms of communication may be unavailable or unreliable, amateur radio operators have stepped into the void to relay critical emergency information. Amateur radio operators have aided the great state of Texas for over a century in times of need.

Each year in June, Amateur Radio Week is dedicated to celebrating amateur radio and its contributions to our society. At this time, I encourage all Texans to learn more about amateur radio and to recognize the many contributions amateur radio operators make to our great state. In times of crisis and in times of calm, ham radio operators' commitment to community remains steadfast.

First Lady Cecilia Abbott joins me in extending best wishes.



*In testimony whereof, I have hereunto signed
my name and caused the Seal of the State of
Texas to be affixed at the City of Austin this the
6th day of June, 2025.*



Greg Abbott
Governor of Texas