



THE ROUND TABLE

August 2026

Monthly Newsletter of the Denver Radio Club

Since 1917

PRESIDENT'S MESSAGE

Greetings and Salutations,

August has finally arrived with all its heat. As you may know, on 01 August, Colorado celebrated its 150 years of statehood. In celebration of the event, the DRC had a pop-up DRC Saturday event at the Rocky Flats National Wildlife Refuge (US-0225) site as a POTA (Parks on the Air) activation. In concert with the ARRL Colorado Section, any radio related event by a club on that day enables the club to achieve the Colorado Day Certificate from our Section. Ronnie, K4RNY, coordinated the event to honor the anniversary of Colorado's statehood and activate the park. Thanks to all who came out and participated and to Ronnie for his efforts.

During our July club meeting, we were honored to have Dave, KEØOG, present Antenna Masts DIY and Prebuilt method of building an antenna mast in 20 to 30 foot heights with commonly found materials found in local building supply stores (Home Depot, Lowes, etc.). Dave is a Colorado resident on the western slope and authors the ARRL QST column "Ask Dave". If you missed that meeting, a recording is available on youtube.com/DenverRadioClub.

The Club meeting on 19 August will be Bob, WBØVGD on Hamsci talk HF Channel Soundings. Keep your eye out for the posting as we get closer to the event.

If you have a topic that you'd like to present, we gladly like to hear from you.

The club is aware that our DMR BrandMeister repeater (446.7875 MHz) is having some intermittent issues. Local RF-to-RF communications are working, but traffic is not passing traffic to the BrandMeister network. The club is working to isolate the issue. Please be patient.

If you haven't already signed up to the Groups.io group, now is the time. You can stay informed on timely messages, functions, and meetings. Go to groups.io/g/W0TX and sign-up in the upper right corner.

Finally, the club will have an opening on the Board of Directors this fall. If you have an interest in helping the club and its direction that it's taking, please consider volunteering. The commitment is minimal with one online meeting a month. Please give it some thought and if interested please email me at President@W0TX.org.

Kevin – KØKPS

DRC BOARD MEETING MINUTES

SUBMITTED BY BOARD MEMBER, DORON BENCHAIM, KIDBC

Date: Wednesday, June 24, 2026

Time: 7:02 – 8:05 p.m. Mountain Time

Location: Virtual meeting

Meeting type: Board meeting

Attendees:

- Bill – KE0YKV
- Brian – KF0AWC
- Bruce – KE0VR
- Dick – N6WHV
- Doron – K1DBC
- Kevin – K0KPS
- Peter – AB8WN

Absent: Orlen/WW0LF, Treasurer/Secretary

Approval of Previous Minutes

The minutes from the May 27, 2026 meeting were presented for review.

- Peter made a motion to approve the minutes as written.
- Brian seconded the motion.
- The minutes were approved without corrections.

Treasurer's Report and Payment Systems

No Treasurer's Report was presented because Orlen was experiencing difficulties accessing the club's PayPal account and obtaining account figures.

The administrator account is connected to Cathy Villhauer's telephone number, preventing the current officers from completing the login and ownership-transfer process.

Decisions

- The May Treasurer's Report will be postponed until the next meeting.
- PayPal will remain disabled on the club website so that additional funds are not deposited into an account that cannot be fully administered.
- Stripe will remain the club's active online payment method.
- The club will work with Cathy Villhauer to regain administrator access and then attempt to transfer ownership of the PayPal account.

The Stripe membership-payment form is operational. Six members had used Stripe at the time of the meeting.

Membership Involvement Committee

The committee reported the following plans:

- Committee members will speak with attendees during Field Day to collect feedback about activities and programs members would like the club to offer.
- The committee is considering an educational soldering session in September or October.
- A venue is still needed for the July 25 DRC Saturday activity.
- The committee will continue developing an "Elmer" or mentoring program.
- The proposed mentoring program may include an antenna-assistance team that can help new amateur radio operators select, install, and troubleshoot antennas.

Technical Committee

The Technical Committee reported that:

- Stripe has been successfully installed and integrated into the membership form.
- PayPal has been disabled.
- Automated announcements for upcoming meetings are being transmitted over the club repeaters four, three, two, and one hour before meetings.
- Weather information has also been added to the repeater controller.
- The current repeater timeout is set to approximately three minutes.
- The committee will follow up with Robert Pickett regarding the controller he was expected to program.

Volunteer Examiner Testing

The board discussed preparing for computer-based amateur radio license examinations.

- ExamTools is the anticipated browser-based testing platform.
- Testing locations will need reliable internet access.
- At least three Volunteer Examiners will still be required.
- Several members indicated that their VE credentials may have expired and need to be renewed.
- The club has four laptops that could potentially be used for testing.

Wireless Microphone

The club has a wireless microphone supplied by Orlen but has issues.

- *Decision:* Minor performance issues will be evaluated and addressed as needed.

Groups.io

The club's Groups.io account had approximately 116 participants.

- *Decision:* Older posts will generally remain available as a historical record of club activities. Posts will be removed only when they contain spam, inappropriate material, or clearly off-topic content.

Field Day Preparations

Field Day preparations were reported to be substantially complete.

Site and Facilities

- A portable toilet is available and had recently been serviced.
- Extra handwashing supplies and toilet paper will be provided.
- Most construction equipment had been removed from the operating area.
- Antenna locations had been marked.
- Easy-up shelters will provide shade for the operating tables.
- Members were advised to bring sunscreen and insect repellent.

Equipment and Operations

The primary Field Day plan includes three operating stations. The club also discussed adding a Get on the Air station for new or unlicensed participants.

A Get on the Air station would:

- Use a call sign different from W0TX.
- Operate under the supervision of a licensed control operator.
- Require confirmation of the club's alternate call sign.
- Require an additional table, radio, antenna, and power source.

The FT8 station will be positioned to reduce interference and conversation noise affecting the single-sideband stations.

The stations will operate independently of commercial utility power. Dick plans to use his Hyundai IONIQ 5 and a portable power station as the primary and backup power sources.

Food and Supplies

- Breakfast burritos were ordered for approximately \$135.
- Additional food and supplies were expected to cost approximately \$300.
- The total food expenditure was expected to remain close to the approximately \$500 budget used the previous year.
- Coffee, donuts, breakfast burritos, lunch, dinner, drinks, coolers, and ice were arranged.
- No additional unapproved purchases were identified.

Field Day Schedule

- Initial arrival and coffee setup: approximately 7:30 a.m. Saturday
- General volunteer arrival and setup: 8:00 a.m. Saturday
- Balloon launch: 9:00 a.m. Sunday

DRC Saturday — July 25

The club is searching for a location for the July 25 activity, which is expected to focus on helping members use their radios.

Possible locations discussed included:

- A Highlands Ranch recreation center near South Broadway and C-470
- Public parks or recreation areas with open space
- Library locations with adjacent outdoor areas

The activity will require only a modest setup, such as handheld radios and a simple portable HF antenna, rather than large towers.

Board and Leadership Planning

Peter announced that:

- He will not seek another board term.
- He intends to remain on the board through September.
- He will continue managing DRC Saturday activities through the remainder of 2026.
- He plans to transfer responsibility for DRC Saturdays to another member next year.
- He intends to remain involved with the Technical Committee and Membership Involvement Committee.

The board will need to begin identifying a future board member and a successor to manage DRC Saturdays.

Bruce was welcomed back to the board.

Tower and Antenna Work

Brian reported that two of three antennas were removed during a recent trip to the Upper Squaw (Mestaa'èhehe) site. The final antenna could not be removed because of cold and windy conditions.

Potential tower-climbing volunteers were identified.

The board noted that:

- Younger or additional trained tower climbers are needed.
- Appropriate safety equipment, including full-body harnesses, will be required.
- The club does not currently have insurance coverage for this work.

Key Decisions

1. The May 27 meeting minutes were approved as written.
2. The Treasurer's Report was postponed until the next meeting.
3. PayPal will remain disabled until administrator access is restored.
4. Stripe will remain the club's active online payment system.
5. Groups.io history will be retained, with moderation limited to spam and inappropriate or off-topic material.
6. Field Day food spending will remain within the previously approved approximate budget.
7. The club will continue exploring a Get on the Air station, subject to confirming the call sign and equipment.
8. Leadership succession planning will begin for Peter's board position and DRC Saturday responsibilities.

Action Items

- Technical Committee: Contact or coordinate with Cathy Villhauer to regain PayPal administrator access and transfer account control. Target Date: As soon as possible
- Orlen: Obtain PayPal figures and prepare the postponed May Treasurer's Report. Target Date: Next board meeting
- Membership Involvement Committee: Collect member feedback during Field Day. Target Date: Field Day
- Membership Involvement Committee: Develop the Elmer and antenna-assistance program and identify qualified volunteers. Target Date: Ongoing
- Brian, Peter and Ronnie: Investigate venues for the July 25 DRC Saturday activity, including the Highlands Ranch recreation center. Target Date: Before July 25

- Technical Committee: Follow up with Robert Pickett regarding the outstanding repeater-controller work. Target Date: Before the next technical report
- Volunteer Examiners: Renew expired VE credentials and become familiar with ExamTools. Target Date: Before the next testing session
- Doron: Install the Field Day sign at the site. Target Date: Friday before Field Day
- Peter: Bring computers, radios, power supplies, filters, cables and membership materials; reset the operating logs. Target Date: Field Day
- Orlen Deliver the equipment trailer and power-distribution equipment Saturday morning. Target Date: Field Day
- Kevin: Confirm and bring a table, Buddipole, radio and battery equipment if the Get on the Air station is used. Target Date: Field Day
- Doron: Provide tower-climber contact information to Orlen and Dave Baysinger. Target Date: As soon as possible
- Board: Identify candidates for Peter's board seat and a future DRC Saturday coordinator. Target Date: Before elections / 2027 planning

Next Meeting: Wednesday, July 22, 2026, at 7:00 p.m. Mountain Time.

The next scheduled club activity is Field Day, with setup beginning between 7:30 and 8:00 a.m. on Saturday, June 27, 2026.

Adjournment: The meeting was adjourned at 8:05 p.m.

ROUND TABLE UPDATE

By Editor, ADOUZ

You may notice that this month's Round Table has a different format.

We have used Microsoft Publisher for years, but Microsoft is ending support for it and will be disabling it in October.

So, I needed to find a new way of creating the newsletter and I am currently using Canva. They are nice enough to provide free access for non-profit organizations like the DRC.

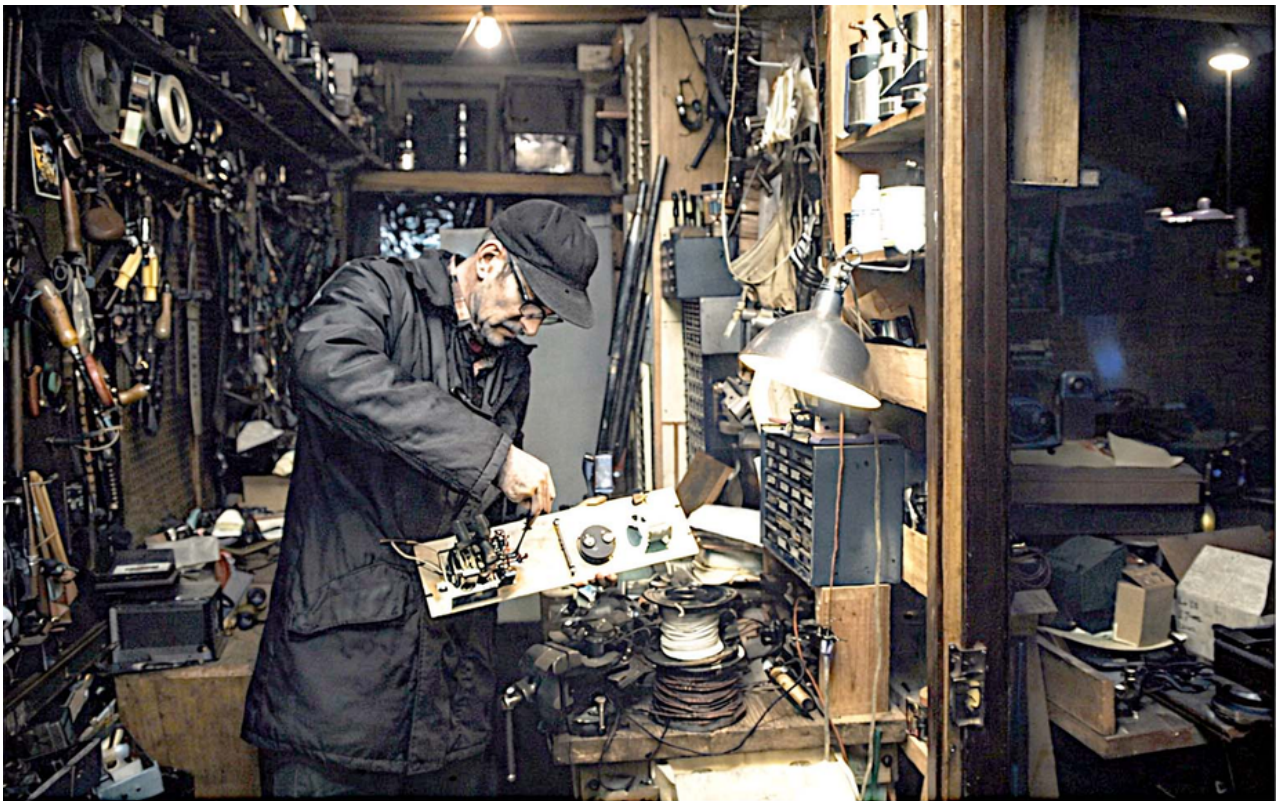
The editing may be a bit (or very...) rough for the next few months as I learn the system, tools and capabilities.

If you have any ideas or feedback on the formatting, please feel free to email me.



DRC - BLAST FROM THE PAST

PROVIDED BY WOODY LINWOOD, W0UI



Fall, 1983 - Building a faceplate panel for the repeater / Lys, k0pgm,SKj

Editor's Note: I am re-posting this picture. Bill, W6OAV, edited the photo with the help of AI and it really cleaned it up. More in upcoming newsletters. Thanks, Bill.

QUESTION OF THE MONTH

BY BILL RINKER, W6OAV

What does it take to build a PVC J Pole?

The answer can be found on page 3 of the January 2013 issue of the Roundtable:
[https://w0tx.org/RoundtableArchive/2013-RoundTables/RT201301\(JAN\).pdf](https://w0tx.org/RoundtableArchive/2013-RoundTables/RT201301(JAN).pdf)



MONTHLY DRC LUNCH - REMINDER

By PETE SOBANSKI, AB8WN AND KEVIN SCHMIDT, KOKPS

Join us on the third Wednesday of each month at 11:30 a.m. for lunch at Sunrise Sunset. The address is 1424 S Wadsworth Blvd, Lakewood, CO 80232. No reservations are required. If you are interested in meeting and talking about radio, or other topics, don't hesitate in coming by. w0tx.org/2024/06/09/denver-radio-club-lunch



WHY YOUR HT WORKS BETTER IN SOME ROOMS

By BILL RINKER, W6OAV

WHY YOUR HT WORKS BETTER IN SOME ROOMS

Indoor Obstacles That Affect VHF and UHF Signals

VHF vs UHF WAVELENGTHS

2 Meter (144 MHz)
Wavelength ≈ 6.6 ft (2 m)

70 cm (440 MHz)
Wavelength ≈ 27 in (0.7 m)

BUILDING MATERIAL EFFECTS

Drywall / Wood		Little effect
Brick / Concrete		Moderate attenuation
Reinforced Concrete		High attenuation
Metal Walls / Siding		Severe attenuation May act like a Faraday cage
Low-E Windows		Metallic coating reflects and absorbs RF

MULTIPATH EFFECTS

Signals arrive at different times and phases.

They may:

- Reinforce each other (Stronger Signal)
- Cancel each other (Fading / Weak Signal)

IMPROVE YOUR INDOOR SIGNAL

- Operate near a window
- Move to an upper floor
- Keep antenna vertical
- Hold radio away from your body
- Avoid large metal objects
- Use a better antenna
- Consider an outdoor or attic antenna

COMMON INDOOR SIGNAL INFLUENCERS

- Large Appliances**
Reflect RF energy
- Metal Furniture**
Reflects and blocks signals
- Mirrors**
Often have metallic backing that reflects UHF signals
- Water**
Absorbs RF energy
- HVAC Ductwork**
Causes multiple reflections
- People**
The human body absorbs RF, especially at UHF
- Low-E Windows**
Reflect and absorb radio waves

Small changes in position—even a few inches—can move you from a signal null to a strong signal.

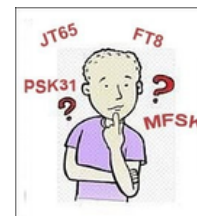
Experiment and find your "sweet spot"!

This image pretty much summarizes it!

GETTING INTO THE DIGITAL WORLD

By BILL RINKER, W6OAV

Digital communications have grown at incredible rates at the lower end of the HF bands and at various VHF/UHF frequencies. Ever wondered why? Well, read on.



Why Go Digital?

Digital communication offers improved noise resistance, higher spectral efficiency, and the ability to use error detection and correction, resulting in clearer signals under weak or adverse conditions, even when not audible to the ear! Analog systems are more vulnerable to interference and signal degradation, with quality declining steadily as conditions worsen. Digital modes provide many forms of automation and can transmit data, text and images with high reliability, whereas analog primarily conveys voice and tones with less precision.

For many hams, digital allows reliable contacts using simple stations, portable stations and marginal antennas. Whether running QRP from an apartment, looking to enhance emergency communications capabilities, or simply wanting to try something new, there's a digital mode for that!

Getting Started in Digital

For many hams interested in getting into digital communications, the world of digital modes can feel like a maze of unfamiliar acronyms, software packages, and conflicting advice. Whether the goal is to try weak signal keyboard modes on HF or explore digital voice on VHF/UHF, the sheer number of options: FT8, PSK31, JS8Call, DMR, D STAR, C4FM, and many more, can make it hard to know where to begin. This article provides an overview of the major ham digital voice/data modes, appropriate hardware/software and provides many good references.

Basic Digital Station Setup

Getting started with digital is easier than ever, thanks to affordable equipment and free software. Digital typically requires three building blocks: an HF transceiver with stable frequency control, a soundcard interface (either external or built in the radio. See Figure 1), and popular free software which is described later in this article.

Digital Modes

The following lists the most common digital operating modes, organized by category with simple descriptions. These modes represent the primary ways hams communicate digitally, allowing for text, data, image, and modern digital voice transmissions across various frequencies.

HF weak signal modes:

- FT8 – Highly structured, time synced weak signal mode for fast, minimal QSOs and reliable DX with very low power.
- FT4 – Faster, contest oriented variant of FT8 with shorter transmission cycles and slightly less sensitivity.
- JT65 – A weak signal mode using multi tone signaling for extremely low SNR QSOs, originally popular for EME and HF DX.
- JT9 – Narrow band weak signal mode optimized for LF/MF and crowded HF segments with better spectral efficiency than JT65.

Conversational HF keyboard modes:

- PSK31 – Narrow band phase shift keying mode for real time keyboard QSOs with good efficiency in crowded HF bands.
- JS8Call (JS8) – Extension of FT8's waveform for keyboard chat and store and forward messaging using a robust weak signal physical layer.
- Olivia – MFSK mode designed for reliable keyboard text under very poor conditions and heavy QRM/QRN at the cost of speed.
- MFSK (e.g., MFSK16/32) – Multi tone FSK modes providing robust text communication with good error resistance and moderate speed.

Classic RTTY and packet style modes:

- RTTY – Frequency shift keying teleprinter mode widely used for contests and DXing, essentially “digital CW” for text.
- AX.25 packet – Frame based data protocol for keyboard chat, BBS, and networking, forming the basis of many packet networks.
- APRS – Packet based system using AX.25 to send position, messages, and telemetry over VHF/UHF and sometimes HF.
- PACTOR – Hybrid ARQ mode combining elements of AMTOR and packet for reliable HF email and data transfer.

VHF/UHF digital voice modes:

- D STAR – Amateur designed digital voice and data system with callsign routing and reflector networking for global QSOs.
- DMR – TDMA based commercial standard adapted to ham use, providing two digital voice “slots” per 12.5 kHz channel and talkgroups.
- Yaesu System Fusion (C4FM) – Yaesu digital voice mode that automatically handles analog FM and C4FM with WIRES X networking support.
- P25 – Public safety digital voice standard sometimes used by hams on VHF/UHF for interoperability and experimentation.

Digital Mode Software

Just like the many digital modes, there are many digital mode software options available. The following lists the major digital mode software options for ham radio providing a good starting point and daily tools for digital communications. Go to [https://www.sbarc.org/digital mode software/](https://www.sbarc.org/digital-mode-software/) where most of the digital mode software is available for free and can be downloaded and installed in just a couple of minutes.

Weak signal and structured modes:

- WSJT X – Official software from K1JT supporting FT8, FT4, JT65, JT9, WSPR, and other weak signal modes for DX, meteor scatter, and EME.
- JTDX – Fork of WSJT X optimized for FT8 and JT65 with enhanced decoding algorithms to extract more QSOs from pileups and noisy bands.
- MSHV – Another WSJT X fork focusing on improved decoding performance and DXpedition features for FT8 and JT65.
- JS8Call – Modified FT8 waveform for keyboard to keyboard chat, messaging, and store and forward with no rigid time slots.

Multi-mode keyboard software:

- Fldigi – General purpose program supporting PSK31, RTTY, Olivia, Contestia, MFSK, CW, Hellschreiber, and dozens of other keyboard modes.
- FIRig – Companion rig control utility designed to work alongside Fldigi for CAT and PTT management.

HF data and email:

- VARA – High performance soundcard modem protocol used as the physical layer for Winlink and VarAC, requiring a paid license for full speed.
- VarAC – Peer to peer keyboard chat and file transfer application built on the VARA modem for reliable HF communication.
- Winlink Express – Email over radio system using VARA, PACTOR, or packet to send and receive internet email via HF or VHF gateways.

Logging and spotting companions:

- GridTracker – Visual mapping and logging tool that integrates with WSJT X, JTDX, or JS8Call to display real time QSOs, alerts, and propagation on a world map.

- PSK Reporter – Web based spotting network that collects and displays signal reports from WSJT X, Fldigi, and other digital software worldwide.
- WSPR – Uses techniques to probe propagation by sending low power beacons that internet connected stations report to a central database. Many hams leave a rig running WSPR to study band openings, antenna performance, or daily propagation trends.

Digital voice (VHF/UHF):

- BrandMeister – DMR network infrastructure software providing talkgroup routing, APRS gateway, SMS, and worldwide QSO switching for Tier 2 DMR radios.
- DUDE Star – Windows/Linux client for making DMR, D STAR, Fusion, and P25 contacts over the internet without a physical radio, using a PC soundcard.
- BlueDV – Similar to DUDE Star, supporting multiple digital voice modes (DMR, D STAR, Fusion, NXDN, P25) for hotspot or PC only operation.

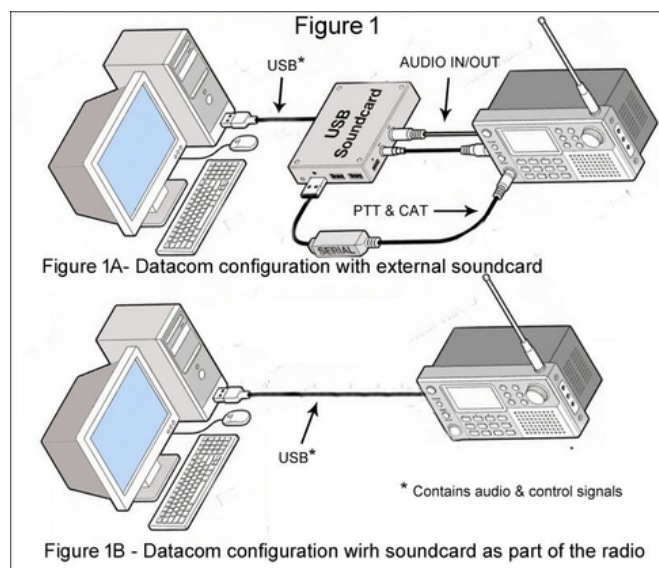
APRS:

- APRSISCE/32 – Windows APRS client for tracking, messaging, and telemetry with sophisticated mapping and message threading.
- Xastir – Open source APRS client for Linux/Unix supporting packet, internet gateways, and weather station integration.

Beginners are encouraged to start with FT8, as it's highly automated, extremely popular and designed to work with weak signals, making it ideal for making first contacts across long distances with minimal power and a basic antenna. Listening first is key, tuning to an active frequency (Popular frequencies are listed in the first reference below) and observing how others operate helps new users learn proper etiquette and timing. Once comfortable, experimenting with other conversational modes like PSK31 or exploring digital voice modes like DMR or D STAR can open up new ways to connect with the global amateur radio community. With patience, a willingness to listen, and a bit of setup, digital modes offer exciting opportunities for worldwide communications even with HTs!

References:

- PSK, RTTY, SSTV, MFSK, OLIVIA, JT65, JT9, FT8, FT4 & JS8 Frequencies: qsl.net/sv1grb/psk31.htm
- The Importance of Digital Modes in Amateur Radio: anytone.net/a-news-the-importance-of-digital-modes-in-amateur-radio.html
- WSJT X Software: wsjt.sourceforge.io/wsjt.html
- A Quick Guide to FT8, JS8 and FT4 Digital Modes: ham-interfaces.com/getting-started-ft8-ft4-js8call
- Setup FLDigi and WSJT X for HF Operation: youtube.com/watch?v=9SMQJ2XC1qA
- Digital Modes: [w4dgh.org/digital modes](http://w4dgh.org/digital%20modes)
- What is BrandMeister: wiki.brandmeister.network/index.php/What_is_BrandMeister
- Digital data Modes (ARRL): [arrl.org/digital data modes](http://arrl.org/digital_data_modes)
- The Essential 10 Minute Guide to Digital Ham Radio Modes: [besthamradio.com/digital ham radio modes for new operators](http://besthamradio.com/digital%20ham%20radio%20modes%20for%20new%20operators)
- Exploring Digital Modes: FT8, PSK31, and More Explained: [bdking71.wordpress.com/2025/08/13/exploring digital modes ft8 psk31 and more explained](http://bdking71.wordpress.com/2025/08/13/exploring-digital-modes-ft8-psk31-and-more-explained)
- Digital Frequencies: qsl.net/sv1grb/psk31.htm
- DMR vs D Star vs Fusion, which is best?: [besthamradio.com/dmr vs d star vs fusion](http://besthamradio.com/dmr%20vs%20d%20star%20vs%20fusion)



FROM THE ARCHIVES

APRIL 1958

\$10.00 on every \$50.00 spent

S for Dry Cleaning and Shirt service S
A
V
E Just give your call sign A
V
E

Bring in and call for

BONHAMS' DRY CLEANING & LAUNDRY

DON'T PUT AWAY YOUR SOILED WINTER CLOTHES - LET US DO THEM

Four Convenient Locations:

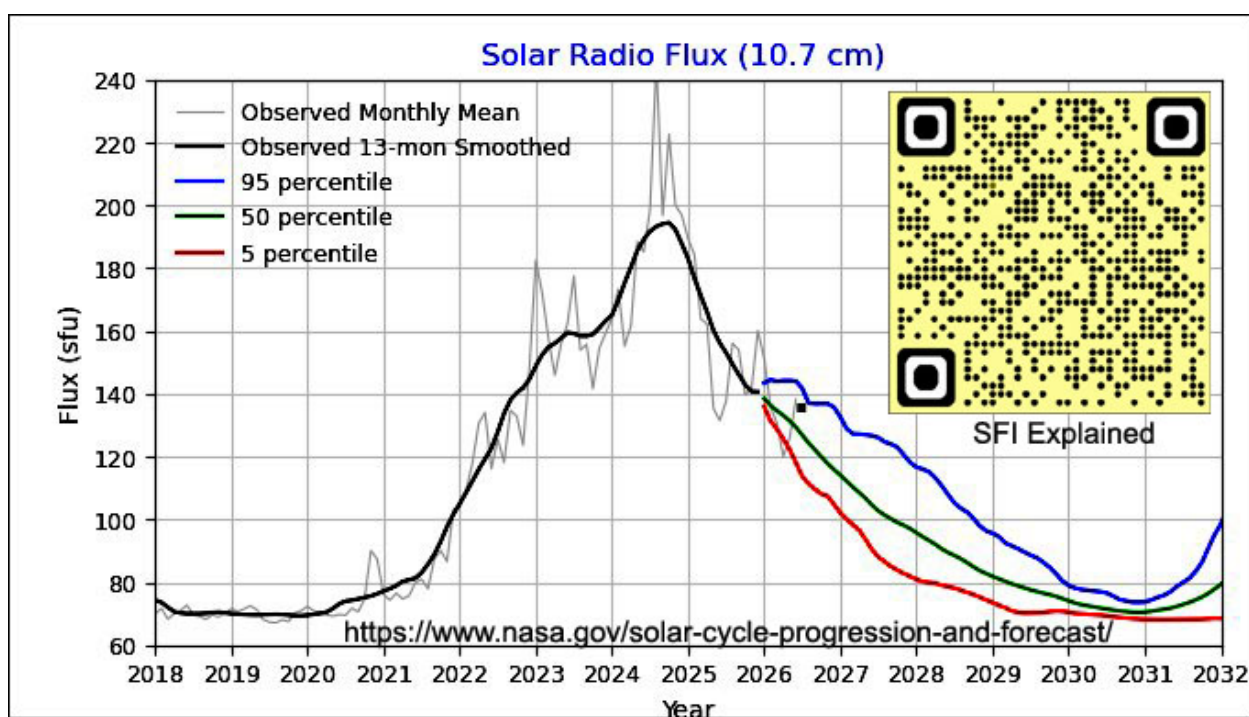
400 E 7th Ave.	--- KE 4-3151
908 Jersey St.	--- EA 2-8481
4175 So. Broadway	--- SU 1-0473
13th & Sherman	--- KE 4-8380

WHY NOT OPEN A CHARGE ACCOUNT?????????

73
WØBWH

PROPAGATION FORECAST

By BILL RINKER, W6OAV



DRC Board of Directors				
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Board Member	AB8WN	Peter Sobanski	720-884-7470	ab8wn@w0tx.org
Board Member	K4RNY	Ronnie Bock	303-519-8510	k4rny@w0tx.org
Board Member	KE0VR	Bruce Kirkpatrick	Check Roster	ke0vr@w0tx.org
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EmComm Coordinator	Open			emcomm@w0tx.org
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Website & YouTube	K1DBC	Doron Ben Chaim	720-254-1561	websiteadmin@w0tx.org

DRC Repeaters

BAND	Freq / Shift / PL Tone	Additional Information
6m	53.090MHz (-1MHz) 107.2Hz PL	
Packet	145.05MHz	Metro Denver Area Coverage
2m	145.490MHz (-) 100Hz PL	Linked to 70cm / 448.625MHz. Primary frequency during emergency net.
2m	147.330MHz (+) 100Hz PL	Local area. Does not TX a PL.
1.25m	224.380MHz (-) 100Hz PL	
70cm	447.825MHz (-) DCS~073; NB 12.5; +/- 2.5	Saint Anthony's. Note: This is a narrow band repeater requiring DCS.
70cm	448.625MHz (-) 100Hz PL	Linked to 2m / 145.490MHz. 1° disaster net freq.
70cm	449.350MHz (-) 100Hz PL	Wide area coverage with Echolink, node # 4140. Secondary frequency during emergency net.
70cm	449.775 MHz (-)	Yaesu digital, C4FM, Wires-X, DN, VW & Data. No analog FM. WOTX Room 40931.
70cm	446.7875MHz (-)	BrandMeister Repeater: Slot 1 – Wide Area Traffic, Slot 2 – Local Talk Group 310804

DRC's Trading Post

Don't forget you can find locally-sourced, ham-grown merchandise at: w0tx.org/trade

**HAM
RADIO
OUTLET**

NOBODY BEATS AN HRO DEAL!

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8400 E ILIFF AVE #9, DENVER, CO 80231
 TOLL FREE: 800.444.9476 | DIRECT: 303.745.7373 | EMAIL: DENVER@HAMRADIO.COM
HAMRADIO.COM

UPCOMING EVENTS

July 11-12	<u>IARU HF World Championship</u>
August 8	<u>WCARC Hamfest & Swapmeet</u>
August 23	<u>The Summer Swapfest</u>

UPCOMING DRC ACTIVITIES

Learning Net	Wednesday's (except 3 rd Wednesday)	@ 1930
DRC Lunch	3rd Wednesday	Sunrise Sunset, in Lakewood @ 1130
DRC Monthly Meeting	3 rd Wednesday	Elmer @ 1800 & Meeting @ 1900

RANDOM SITE OF THE MONTH

CPIAA RADIO CLUB LA PAZ BOLIVIA

QSL.NET/CPIAA