



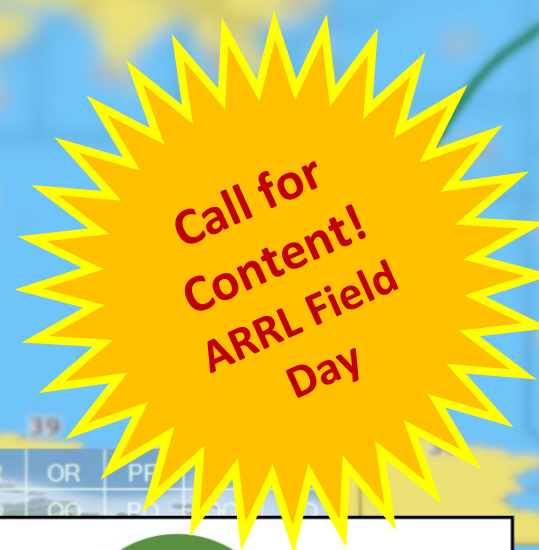
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# NARS NEWS

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JUNE 2022

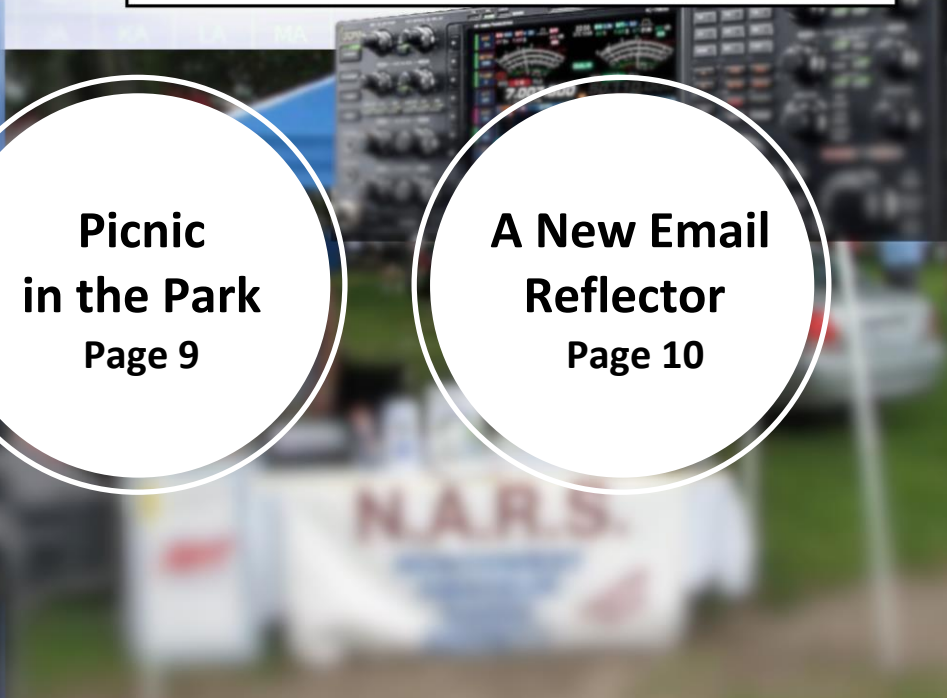
Northwest Amateur Radio Society  
P.O. Box 11483  
Spring, TX 77391  
[w5nc.net](http://w5nc.net)



**President's  
Message**  
Page 3

**Picnic  
in the Park**  
Page 9

**A New Email  
Reflector**  
Page 10



## Contents

President’s Message .....	3
Call for Content – ARRL Field Day .....	4
The ARRL Letter .....	5
NARS Monthly Club Meeting .....	8
NARS General Club Meetings .....	8
Amateur Radio Activities .....	9
NARS Picnic in the Park Activity .....	9
Transitioning to Better Club Communications .....	10
VE Sessions and Results .....	11
VE Session Guidelines .....	11
Training and Education .....	13
Of Interest to the Club .....	13
Calendar .....	14
Club Activities and Events .....	14
Social Events .....	14
ARRL Contests & Activities .....	15
Hamfests and Conventions .....	15
NARS Club Officers and Information .....	16
Board Officers with Voting Privileges .....	16
Board Non-Voting Associate Members .....	16
Club Nets .....	16
Repeaters .....	16

**NARS News** is published monthly by the Northwest Amateur Radio Society (NARS). Northwest Amateur Radio Society is a Special Services Club affiliated with the American Radio Relay League, ARRL Club No. 2120.

If you would like to contribute to the newsletter by publishing an article, adding calendar events, or any other contribution, please send all submissions before the end of the month to the newsletter editor:

Brandon Rogers (K5BLR)  
Newsletter Editor  
[k5blr@arrl.net](mailto:k5blr@arrl.net)

## President's Message

BY RON MATUSEK, WA6TQH

### Field Day

It's that time again i.e., "FIELD DAY!" June 24, 25 & 26 at the Klein Fire Station #3 where we currently hold our monthly meetings. Friday the twenty-five starting at noon we will begin setting up antennas and equipment.

Saturday the 25th officially starts Field Day (9AM to 5PM) open to the Public. Then Sunday until noon is breakdown

of equipment. We have a talented team in place to provide the best possible experience for ALL Hams and especially those who are seeking information about what is Ham radio and how do I become a Ham. I must say a peek preview of the food menu has also been posted on "groups.io" so you will find that very enticing to say the least. Our special thanks to Lee Glassman WA5LEE and Kirc Breden N5XJB who will be doing the cooking.



### Eligibility

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit and may submit entries as check-logs.

### Object

To work as many stations as possible on the 160, 80, 40-, 20-, 15- and 10-Meter HF bands, as well as all bands 50 MHz and above, and in doing so to learn to operate in abnormal situations in less-than-optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the public with the capabilities of Amateur Radio.

### New NARS Communications Reflector

Did I mention "groups.io?" We have after some exceptionally long considerations and input from our members, made the decision to replace our long-time communications app "NARS Reflector" with a newer more robust app called "Groups.io." Messages can be html or text and attachments are permitted. If an attachment is greater than 5mb, groups will store the message and include a clickable link. Many of you already have an account on groups, you just need add it to your subscriptions If you do not have a groups account yet, they are easy to set up and are free.

To sign up, visit [groups.io](https://groups.io), search for w5nc, request membership, and give it a try. Even if you have never used groups before, it is easy to set up. For a user experience similar to the reflector, leave the default settings.

It is set for individual messages. These come through without waiting. Other options include a daily digest and groups of twelve, if that is more convenient for you. New members first post is moderated. Moderation will be lifted after your first on-topic.

The original “NARS Reflector” will be available through the first week of June after which the original “NARS Reflector” will be discontinued and ALL NARS Reflector communications will be via “W5NC@groups.io.” Stay in the know and register NOW in Groups.io!

### **Trailer Renovation**

This is work in progress please see a report from our Vice President Paul Kent KI5FJS later in the Newsletter.

### **ARRL Project Grants**

ALL documents required have been submitted and receipt noted. We are awaiting further communication.

### **Repeater Operation & Maintenance**

Our Vice President Paul Kent KI5FJS has set up a team to develop Operational and Maintenance procedures for how we manage the NARS VHF/UHF repeaters including outside requests for establishing “NETS” and use of the “W5NC” call sign. More information on this will become available during the next month.

See you at the June Field Day Event!

Ron Matusek  
President NARS



## **Call for Content – ARRL Field Day**

We want you! And your Field Day stories!

The newsletter for the month of July will feature activities that have taken place during Field Day. If you are operating with the club at Klein Fire Station #3, at another public location, or from home, we would love to feature pictures and stories about your setup, experiences, successes and learnings!

If you would be willing to share, please send content to the Newsletter Editor, Brandon Rogers (K5BLR) at [k5blr@arrl.net](mailto:k5blr@arrl.net) or post to the [NARS Groups.io Email Reflector](#).

## The ARRL Letter

An excerpt from the weekly ARRL Letter

### Amateur Radio Club Helps Teach Survival Skills

Members of the All Things Amateur Radio Association (ATARA-W8ATR), a family-oriented radio club in the foothills of southern Ohio, were in Lancaster on Saturday, April 30, to help support the Afterschool Programs of Lancaster with their Family Survival Day at Alley Park.

Along with some radio related activities, ATARA provided instruction for the National Association for Search and Rescue's Hug-A-Tree program, explained what to do if you are lost in the woods, as well as taught families how a trash bag can keep you warm and dry. There were also primitive fire-starting demonstrations where families could learn how to use magnesium bars, char cloth, and jute

The families visited a Parks on the Air® (POTA) station and listened as contacts were made across the country with stations in the Dominican Republic and Puerto Rico. Oscillating Keyers were also set up for the families to key their names in Morse code.

There were 80 participants and 30 volunteers. ATARA is an ARRL Affiliated Club.



### Did you know...

that the ARRL sends a weekly letter describing some of the current events, activities, and policies that are taking shape in the Amateur Radio world? The following is an excerpt from these letters in January. View all the ARRL letters at <http://www.arrl.org/arrlletter>

### ARES® Activated in Oklahoma for Tornado Clean-Up Communications

To help with emergency communications support following an outbreak of tornadoes that hit this past week, the Oklahoma Department of Emergency of Management and Homeland Security requested support from the Oklahoma Amateur Radio Emergency Service® (ARES®).

During the first week of May, 12 tornadoes touched down in the central and eastern parts of Oklahoma. The tornado that struck Seminole, Oklahoma, on Wednesday, May 4, left EF2 damage, according to the National Weather Service. That tornado was a mile wide, and its path totaled 31 miles.

The request for amateur radio emergency communications support from the Oklahoma ARES was made on Thursday, May 5, 2022. ARES was activated on Saturday May 7, 2022. Seven amateur radio operators were active, providing voice communications between chainsaw and debris removal teams from their base at Seminole State College's volunteer center.

ARRL Oklahoma Section Emergency Coordinator Mark Conklin, N7XYO, said the clean-up crews worked quickly, and ARES was needed for 8 hours until cellular and wired communications were restored.

There were no deaths or injuries during the tornado outbreak, but clean up continues.

## Armed Forces Day Crossband Test Successful

The 2022 Armed Forces Day Crossband Test, held May 14, produced impressive results. Frank Donovan, W3LPL, reports good band conditions and participation resulted in over 800 contacts with 330 on Single Side Band (SSB).

"Cooperation of amateurs, as secondary users of 60 meters, was outstanding, with no interference," said Donovan. "All of the 24 stations that signed up for the exercise were active at some point."

Here is the detailed NSS band-by-band QSO breakdown:

80 meters: 20 CW, 35 SSB = 55 total  
60 meters: 21 CW, 169 SSB = 190 total  
40 meters: 85 CW, 87 SSB = 172 total  
30 meters: 54 CW = 54 total  
20 meters: 151 CW, 165 SSB = 316 total  
Total contacts: 331 CW, 456 SSB = 787 grand total

Historic US Navy call sign NSS in Annapolis, Maryland was operated by the U.S. Naval Academy Amateur Radio Club, supported by members of the Potomac Valley Radio Club (PVRC), and produced 331 CW and 456 SSB contacts from the location of the 1918 NSS Naval Radio station.

NSS QSL cards are available from K3LU. A self-addressed stamped envelope (SASE) will be appreciated.

## ARRL EXPO and Hamvention® 2022 a Great Success

By all accounts, the 2022 Dayton Hamvention®, which also served as the 70th reunion, was a great success. Thousands of ham radio operators, their families and friends, and other enthusiasts passed through the gates during its 3-day run, May 20 - 22, at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. Local reports estimate the event brings over \$30 million dollars to the economy of

the Dayton metropolitan region. Official numbers and estimates will be available later.

ARRL's exhibit area at Hamvention included a space for networking collegiate amateur radio clubs. Here's Derek Fronek, KD9MEQ, of the Purdue University Amateur Radio Club (W9YB) with Tony Milluzzi, KD8RTT, Advisor for the ARRL Collegiate Amateur Radio Program, [www.arrl.org/WeWantU](http://www.arrl.org/WeWantU).

ARRL's large exhibit area, ARRL EXPO, included a steady flow of visitors who were treated to a variety of exhibits representing popular membership programs and services. More than a dozen booths were led by a team of 80+ program representatives and volunteers that included members of the ARRL staff, Board of Directors, and Field Organization.

Using the theme "Be Radio Active," ARRL also organized many Hamvention forums to encourage attendees to become more active and involved with amateur radio.

An ARRL Youth Outreach forum on Friday highlighted resources and ideas for attracting and developing young hams. ARRL Education and Learning Manager Steve Goodgame, K5ATA, led the crowd of attendees through a highly interactive session discussing strategies, tools, and reasons for engaging youth. Centered around the theme of "How and Why to Engage Youth in Amateur Radio," forum attendees participated in discussion groups and shared their findings throughout the forum. The entire presentation was recorded by Josh Nass, KI6NAZ, and can be viewed on his YouTube channel, Ham Radio Crash Course, at <https://youtu.be/QZco6tEIKBc>.

Goodgame's participation also included exhibits for ARRL Education and Learning programs and the Teachers Institute. "Both booths were very busy during the entire convention," he said. "We made a concerted effort to draw-in not only ham radio instructors and others interested in our educational

programs, but youth themselves." Young hams and prospective hams were surveyed by volunteer Cyndi Goodgame, K5CYN, about their experiences and interests with amateur radio, for the purpose of gaining insightful data to help drive future ARRL programming and outreach. "Attendees who were not licensed, or were seeking upgrades, were shown tools and techniques to help them prepare for their ham radio license exam," said Goodgame. "Some even returned to the booth after passing their exams!"

ARRL Teachers Institute Instructors Larry Kendall, K6NDL, and Wayne Greene, KB4DSF, demonstrated some activities that teachers who attend the professional development program are taught and take back to their classrooms. Adults and youth were given information on the program to take back to their schools, with the goal of continuing to grow the Teachers Institute. An October 2022 session of the Teachers Institute is planned.

An ARRL Membership Forum was held on Saturday afternoon and moderated by Great Lakes Division Director Dale Williams, WA8EFK. The forum included presentations on behalf of the ARRL Historical Committee presented by Midwest Vice Director David Propper, K2DP, and the Legislative Advocacy Committee, presented by West Gulf Division Director John Robert Stratton, N5AUS. The forum concluded with remarks from ARRL President Rick Roderick, K5UR, and ARRL CEO David Minster, NA2AA.

Addressing the membership forum, President Roderick recognized the important contribution of nearly 7,000 ARRL Field Organization volunteers across the country who contribute to strengthening ARRL and amateur radio, and serve their communities. Roderick also urged members to help grow our next generation of radio amateurs by recruiting and developing young hams.

A video of the forum is available on ARRL's [YouTube channel](#).

See more photos from Hamvention on the [ARRL Facebook page](#).

Read the [full story](#) on the ARRL website.

### ARRL Podcasts Schedule

The latest episode of the ARRL [On the Air](#) podcast (Episode 28) features a discussion of digital multimeters with practical usage examples and shopping tips.



The latest edition (Episode 58) of the ARRL [Eclectic Tech](#) podcast features a discussion with author Nick Tusa, K5EF, about his new book Wes Schum - Amateur Radio's Unsung Hero.

The On the Air and Eclectic Tech podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android) as well as on Blubrry -- [On the Air](#) | [Eclectic Tech](#).

### Amateur Radio in the News

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL in the news.

["2022 Hamvention wraps up 'Reunion' weekend"](#) / WDTN-TV (Ohio), May 23, 2022

["Kids are hams too"](#) / Xenia Gazette (Ohio), May 22, 2022

["PHOTOS: Hamvention attracts thousand to celebrate 70 years of Dayton-area amateur radio"](#) / Dayton Daily News (Ohio), May 22, 2022

Arrl.org. 2022. ARRL Letter. [online] Available at: <http://www.arrl.org/arrlletter?issue=current> [Accessed 28 March 2022].

# NARS Monthly Club Meeting

May 2022

During the May Club Meeting, Walter Holmes, K5WH, shared details about digital radio and communications, including many different digital voice encoding methods and modes. Walter highlighted the [FreeDV software](#), which is a free digital voice option for amateur radio. The hardware and software required for using FreeDV was also shown.

If you have any questions about how to use any digital mode, especially FreeDV, feel free to reach out to Walter on the [NARS Groups.io service](#), on his Zoom channel, or on the W5NC repeater system. You can also reach out to any of the club elmers, as listed on the [club website](#).

## Next Club Meeting

Our next club meeting will be as part of ARRL 2022 Field Day! The club will be participating from Klein Fire Station #3, all day June 25<sup>th</sup> – 26<sup>th</sup>, 2022 (Saturday and Sunday). Please come down and join us for comradery, great food, experience operating on many bands and modes, and helping the club to make some QSOs!

### *Field Day Call for Help*

There are many ways that you can help make Field Day successful for the NARS club. If you are willing to help out, please reach out to our Field Day Captain, Kirc Breden, or to any officer of the club at [officers@w5nc.net](mailto:officers@w5nc.net)

## NARS General Club Meetings

NARS holds monthly club meetings where a variety of topics are presented from a number of guests. Come learn anything from antenna design, phasing, emergency response, and more!

Who: All club members, friends, or anyone interested in the Amateur Radio hobby

When: The Third Friday of the Month at 7:30pm

Where: Klein Fire Station #3, [9755 Landry Blvd, Spring, TX 77379](#)  
Zoom Conference Call, Meeting ID: 2815436502, Passcode: 123456



# Amateur Radio Activities

The “Amateur Radio Activities” feature of NARS News highlights various activities related to ham radio. Each issue provides a quick overview for those who may be interested in the learning new aspects of the amateur radio hobby.

## NARS Picnic in the Park Activity

BY JOHN PARMALEE, K5VGM

The NARS Ham picnic in the park event is patterned after an event held each fall and spring by the Stephen F Austin club in the Brenham/Belville, Texas area. I have been a member there in the past. These picnic in the park events allowed members to get out to the park for a social event and some radio operations. I have suggested it several times to NARS and the club approved the activity and assigned it to me to manage along with Brandon Rogers, K5BLR, who it turned out wasn't able to participate due to another commitment.

The first thing we needed was a location and the park that came to mind was a county park on Grant Road, just west of Jones Road, Russ Poppe Park. We made a reservation and Kirc Braden, graciously, agreed to do some shopping, bring a grill and cook a gourmet breakfast. I rented a coffee pot and all was set. Others were bringing radios and portable antennas.

[Russ Poppe Park](#) is a wooded area with lots of lawn and trails. It may have been a previous subdivision that was flood prone, but there is a pavilion with a sink and grill. There were already a lot of tables and electric plugs available, nearby restrooms and a children's play area. The location was perfect for a club activity, and may be a good location for a future Field Day or Winter Field Day.

Kirc set up has grill and began cooking some wonderful breakfasts. The coffee pot percolated and the group of twenty or so that arrived, ragchewed. Over the course of the event, the attendees formed into several groups of three or four, each discussing something different from satellites to the best rigs. A portable antenna and battery powered rig was setup and 20 meters was pulling call signs in from all over. Twenty individuals plus including YL's and XYL's were there for an egg and bacon breakfast with all the fixings. The weather was cool in the morning, but began to warm when the group broke up about noon.

The event was a great success and we heard a number of positive to the activity on the NARS email repeater. With such a good turnout, I suggest we have the event each fall and spring, perhaps every April and October.

Improvements could be made for next time. Cooking a custom breakfast was probably too much (although we are very grateful for the wonderful breakfast that Kirc provided) and it might be better in the future to have a box full of McDonald's or some other quick breakfast items. The chatter was just right, but it having a few more rigs might have made it a little better.

A huge thank you to all the attendees and for making it a great event!

## Transitioning to Better Club Communications

NARS is moving to a more capable platform for email reflector services. We have set up a group on Groups.io to fulfill this purpose.

Even if you have never used Groups.io before, it is easy to set up. Many of you already have an account on groups, you just need add it to your subscriptions. If you don't have a groups account yet, a Groups.io subscription is easy to setup and is free.

To sign up, visit <http://groups.io/g/w5nc> and request membership. Please register with your full name and a valid call sign. This will help our moderators expedite your membership approval.

For a user experience similar to the reflector, leave the default settings. It is set for individual messages. These settings allow messages to come through without delay. Other options include a daily digest (all messages come through together in a consolidated "digest", once per day) and groups of 12 (messages are sent consolidated in chunks of 12), if that is more convenient for you.

For new members, your first post will be moderated. Moderation will be lifted after your first on-topic post. This will help reduce the incidence of spam. Groups.io is a more well-known public forum and may attract the general public as well as NARS members. While we welcome those interested in ham radio, we want to keep unrelated posts off the forum.

### Benefits of the new Groups.io Reflector

- Messages can be HTML or text. This allows formatting, tables, and other types of messages to be sent.
- Attachments are permitted. There is a size limit to attachments; if an attachment is greater than 5MB, groups.io will store the message and will embed a clickable link into the sent message.
- Access to the Email Reflector on the web, even if you don't have access to your email.

The old mailman reflector will be decommissioned. Please move to the new Groups.io-based reflector as soon as you can.

If you have any questions about the NARS reflector, please send an email to the officers at [officers@w5nc.net](mailto:officers@w5nc.net)

# VE Sessions and Results

## Attendees

On May 28<sup>th</sup>, 2022, a VE Test Session was held at Klein Fire Station #3 in Spring, Texas. During the testing session 8 candidates took 10 tests.

Technician  
(Element 2)

**6**

Passed

6 Tests Given 0 Failed

General  
(Element 3)

**2**

Passed

4 Tests Given 2 Failed

Amateur Extra  
(Element 4)

**0**

Passed

0 Tests Given 0 Failed

## Congratulations!

The NARS Club extends our sincerest congratulations to the following:

### *New Technician*

- Phillip A Pappano
- Alan P LaRue
- Mark T Jungwirth
- Zhihong (Ivy) Yang
- Wesley H Hughes
- Derrell C Gillmore

### *Upgrade to General*

- James A Lovett, KI5NVD
- Mark A Sechrest, KI5UXR

## Thanks and Gratitude

Thanks to the Exam VE's in attendance:

- Marvin J Wilkens KT4W
- Paul Owen N5NXS

### VE Session Guidelines

If you have a temperature or feel ill – DO NOT attend.

- Tables and chairs will be arranged to meet social distancing. DO NOT MOVE THEM.
- Wear masks if you are not fully vaccinated or feel the need to wear them.

Please send an email to either of the following if you plan on attending the test session:

Sheree Horton - [wm5n@arrl.net](mailto:wm5n@arrl.net) or [vec@w5nc.net](mailto:vec@w5nc.net)

## Next Session

Our next VE Test Session will be on June 25, 2022 at Klein Fire Station No. 3 in the main Meeting Room in the Main Building. Check-in will start at 8:30am with testing lasting from 9:00am - 11:30am. All testing activities will be completed by noon. Please stay to join our club's Field Day activities!

## **New Club Members**

A big welcome to all the new NARS club members!

Lloyd Coker, KI5OYC

Brandy Lang, KI5UKZ

Sidney Leben, KC2EE

Phil Pappano, KI5VPF

James Sitton, KD5JBT

## **Renewing Club Members**

Thank you to all the members who renewed their NARS membership this past month:

Kyle Atkins, KE5SWK

Tom Atkins, KD5EIJ

Robert Ewers, K9HOU

John Green, KI5QMY

Carl Kotila, WD5JRD

Joseph Lahnstein, W4HUA

Joe Lasater, KG5ZOZ

Patricia Reiff, W5TAR

## Training and Education

### NARS

NARS Member Articles and Tutorials -

<http://w5nc.net/index.php/2014-03-31-00-54-20>

### ARRL

ARRL Online Course Catalog - <http://www.arrl.org/online-course-catalog>

ARRL Emergency Communications Training -

<http://www.arrl.org/emergency-communications-training>

ARRL Webinars - <http://www.arrl.org/ARRL-Learning-Network#schedule>

### Other

Amateur Radio License Practice Tests - <https://hamexam.org/>



## Of Interest to the Club

### Houston Local Traffic Net

The Houston Local Traffic Net meets each Monday night at from 6:30 – 7:30pm on the 146.940 repeater with a PL tone of 167.9 Hz. The backup repeater for Monday night is the NARS repeater 146.660/100.0. The Thursday night edition of the Houston Local Traffic Net meets on Thursday evenings at 6:30pm on the 146.660 repeater with a PL tone of 100.0 Hz. This repeater is linked to the 70cm repeater on 444.375 also with a PL tone of 100 Hz. You can access the two linked repeaters via EchoLink node W5NC-R. The Thursday night backup repeater is 147.000 with a PL tone of 103.5 Hz. The purpose of both nets is to pass National Traffic System (NTS) radiogram messages into and out of the Houston area. The Monday edition of the Net also provides traffic handling instruction/training.

Anyone with questions about the Houston Local Traffic Nets, radiograms and or message handling can call or email Sheree Horton WM5N for more information.

### GHSN monthly Simplex Propagation Net

Beginning January 2022, the [Greater Houston Simplex Network](#) will return to its regular schedule of the 4<sup>th</sup> Thursday evening of the month, with 6:15pm for the Zoom meeting and 7:00pm for the beginning of the net. Simplex frequencies are 146.540 MHz.

I would also like to restart the relay nets for the 2nd week of each month, so I need volunteer(s) to help out as Net Control Operator. I am just swamped with developing our cool new propagation application. Please contact me if you can help with this. The script is fully developed, and can be found on [the website](#).

Contact Mark - [N5PRD@yahoo.com](mailto:N5PRD@yahoo.com)

# Calendar

## Club Activities and Events

Ham Day in the Park – May 7, 2022 - Russ Poppe Park

VE Test Session – May 28<sup>th</sup>, 2022 – [Klein Fire Station #3](#) - Check-in will start at 8:30am with testing lasting from 9:00am - 11:30am. All testing activities will be completed by noon.

## Social Events

### Lunch Break – North

Take a break with fellow radio operators and enjoy a lunch together!

Locations are announced weekly on the NARS email reflector!

### Lunch Break – Medical Center

Jun 08 - Cleburne Cafeteria  
Jun 15 - Southwell's Hamburger Grill  
Jun 22 - Silver Palace Chinese Buffet  
Jun 29 - Mia's Table  
Jul 06 - Buffalo Grille  
Jul 13 - Antonio's Mexican Grill  
Jul 20 - Hu's Garden  
Jul 27 - Pappas Barbecue

### Saturday Breakfast

Saturdays at 7 am Broken Yolk Café, 16803 Stuebner Airline Road, Spring, TX 77379

### Monday Lunch (Taildraggers Lunch)

Mondays at 11 am; Aviator's Grill at Hooks Airport Terminal

## Did you know...

NARS has a social media presence! Thanks to Sam Labarbera, N6HB, we have a Facebook page for those who would like to follow us there. Visit the [W5NC Facebook page](#) and join! It is open to ham radio operators, so there is a short quiz to qualify new members.

We also have a Twitter feed. Follow us on [https://twitter.com/nars\\_w5nc](https://twitter.com/nars_w5nc)

## ARRL Contests & Activities

<p><b>January 2023</b> 1: Straight Key Night 7: Kids Day 7-8: RTTY Roundup 21-23: January VHF TBD: Winter Field Day</p>	<p><b>February 2023</b> 13-17: School Club Roundup 18-19: International DX – CW</p>	<p><b>March 2023</b> 4-5: International DX– Phone</p>
<p><b>April 2023</b> 16: Rookie Roundup – Phone</p>	<p><b>May 2023</b></p>	<p><b>June 2022</b> 4-5: International Digital Contest 11-13: June VHF 18: Kids Day <b>25-26: Field Day</b></p>
<p><b>July 2022</b> 9-10: IARU HF World Champ</p>	<p><b>August 2022</b> 6-7: 222 MHz and Up Distance 20-21: 10 GHz &amp; Up – Round 1 21: Rookie Roundup – RTTY</p>	<p><b>September 2022</b> 10-12: September VHF 17-18: 10 GHz &amp; Up - Round 2 17-18: EME - 2.3 GHz &amp; Up #1</p>
<p><b>October 2022</b> 15-16: EME - 2.3 GHz &amp; Up #2 17-21: School Club Roundup</p>	<p><b>November 2022</b> 5-7: Nov. Sweepstakes – CW 12-13: EME-50 to 1296 MHz #3 19-21: Nov. Sweeps. – Phone</p>	<p><b>December 2022</b> 2-4: 160 Meter 10-11: 10 Meter 18: Rookie Roundup–CW</p>

## Hamfests and Conventions

June 17-18, 2022 - [Radio Fiesta](#), San Antonio Radio Club

August 20-21, 2022 – [Hunstville Hamfest](#), Hunstville, Alabama

August 26-28, 2022 – [Northeast HamXposition](#), Marlborough, Massachusetts

September 23-24, 2022 – [HRO Superfest](#), Milwaukee, Wisconsin

September 24, 2022 – [Red River Radio Amateur Hamfest](#), West Fargo, North Dakota

# NARS Club Officers and Information

## Board Officers with Voting Privileges

President: Ron Matussek, WA6TQH, 713-825-9606, [officers@w5nc.net](mailto:officers@w5nc.net)

Vice President: Paul Kent, KI5FJS, [officers@w5nc.net](mailto:officers@w5nc.net)

Treasurer: Tom Hoherd, KK5YU, 281-370-2941, [treasurer@w5nc.net](mailto:treasurer@w5nc.net)

Secretary: Brandon Rogers, K5BLR, 713-294-6630, [officers@w5nc.net](mailto:officers@w5nc.net)

Director: Rob Nixon, KD5BXZ, [officers@w5nc.net](mailto:officers@w5nc.net)

Director: Kirc Breden, N5XJB, [officers@w5nc.net](mailto:officers@w5nc.net)

## Board Non-Voting Associate Members

Administrative Secretary: Neal Naumann, N5EN

Social Media Liaison: Sam Labarbera, N6HB

Newsletter Editor: Brandon Rogers, K5BLR

Public Information Liaison: John Parmalee, K5VGM

ARRL/VEC Liaison: Sheree Horton, WM5N

Repeater Team Lead: Marty Fitzgerald, W5MF

Webmaster: Bill Buoy, N5BIA, [webmaster@w5nc.net](mailto:webmaster@w5nc.net)

Trustee: Paul Owen, N5NXS

## Club Nets

**DMR Weekly Net** – Every Tuesday at 7pm. Tune in on Talkgroup 3146211 for information on configuring codeplugs, see the DMR pages on the Club website (<http://w5nc.net>) or contact a club Elmer. Sam Labarbera, N6HB, coordinates this Net.

**The Weekly Wednesday Evening Net** - Every Wednesday at 8:00 pm. Join us on one of the W5NC repeaters: 146.660 MHz, -600kHz offset, PL 100.0 - wide area centered on downtown Houston and/or 444.375, + 5 MHz offset, PL 100 best in the Spring / Klein area. You can also join from anywhere in the world by connecting to EchoLink node W5NC-R. Neal Naumann, N5EN, coordinates this Net.

## Repeaters

For information on NARS-managed repeaters, please see the club website at <http://w5nc.net/index.php/club-info/repeaters>

### Did you know...

that NARS has an email list service (sometimes known as an email reflector, Listserv, or email distribution list) that allows you to connect with a giant group of experts, club members, and resources. Register today at:

[http://mailman.qth.net/mailman/  
listinfo/nars](http://mailman.qth.net/mailman/listinfo/nars)