



SHARC bytes

Volume XI, Issue XII December

Nominations of officers 2025

President - To be determined

VP - Bernie Bathauer

WB9NDG

Treasurer - Wayne Boyd

K4WEB

Secretary - Carol Socash

KO4JSV

Director - Mike Hayes

W1SOX

Published for members
and friends of the...

Spring Hill
Amateur Radio



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- **PLEASE PROVIDE FEEDBACK!**
- **DUES REMINDER**

SHARC Repeater Information

Repeaters are open to all licensed amateurs...membership not required but we sure would like you to join!

2 Meter: 146.805 MHz-600K no tone

70 CM: 443.800 MHz + 5M no tone

SSTV @ 6:30 PM Tuesday*

SHARCnet @ 7:30 PM Tuesday*

70 cm Ragchew Net - Mon. @ 7:00**
PM**

SHARC Meetings Information

Regular monthly meetings are held on the third Thursday of each month.

UF/IFAS Ext. Bldg.

16110 Aviation Loop-Next to P.O.

Please use side door.

Visitors are always welcome!

Meetings begin at 7:00 PM.

Stop by early and say, "Hi!"

Merry Christmas & Happy New Year

SPRING HILL AMATEUR RADIO CLUB



HELLO TO THE MEMBERSHIP

IT IS THAT TIME OF YEAR AGAIN WHEN THE YEARLY
DUES NEED TO BE TURNED IN.

THE CLUB USES THESE FUNDS FOR THE OPERATING
EXPENSES THAT ARE INCURRED THROUGHOUT THE
YEAR.

DUES ARE STILL \$20.00 AND REQUESTED TO BE MAILED
OR TURNED AT THE CLUB MEETING BY DEC 31

MAILING ADDRESS IS:

SPRING HILL AMATEUR RADIO CLUB INC.

PO BOX 6083

SPRING HILL, FL 34611-6083

THANK YOU FOR YOUR CONTINUED SUPPORT,

From your board officers



Bernie Bathauer, WB9NDG, did a presentation on oscilloscopes at the Nov. 21 club meeting. The scopes on display included a single channel Hewlett Packard, a modern digital scope and a 4-channel Tektronix dual trace.

Bernie focused on the capabilities of the Hewlett Packard in the picture.

Bernie transmitted a signal from an Icom radio to the Tektronix to show AM modulation. The HP scope is being fed from 2 audio generators set within .1 Hertz of each other to show the circular Lissajous pattern. It was touchy getting the circle to stop moving.

Bernie said, "If the frequency was a 2-1 ratio, you would have seen a squashed figure 8. If the frequency was a 3-1 ratio, you would have seen 3 connected circles."

The use of the older scopes has now been replaced by modern, digital scopes.

By Carol Socash
KO4JSV



Dan Stixrud, WQ7T, played the Theremin at the club meeting on Oct. 17.

He explained the Theremin is an electronic musical instrument, traditionally that uses the heterodyne principle to produce a variable audio frequency in response to the movement of the musician's hands in the vicinity of one or more antennae, which act as capacitor plates. This makes it unique as a musical instrument the musician does not touch when playing.

Richard Moog built his Theremin as a teen in high school and in the 60's invented the Moog synthesizer.

Several sites actually have recordings. I was talking to Bernie and he found a site playing "Somewhere over the Rainbow." I think Dan told me his favorite was "You Are My Sunshine."

By Carol Socash
KO4JSV

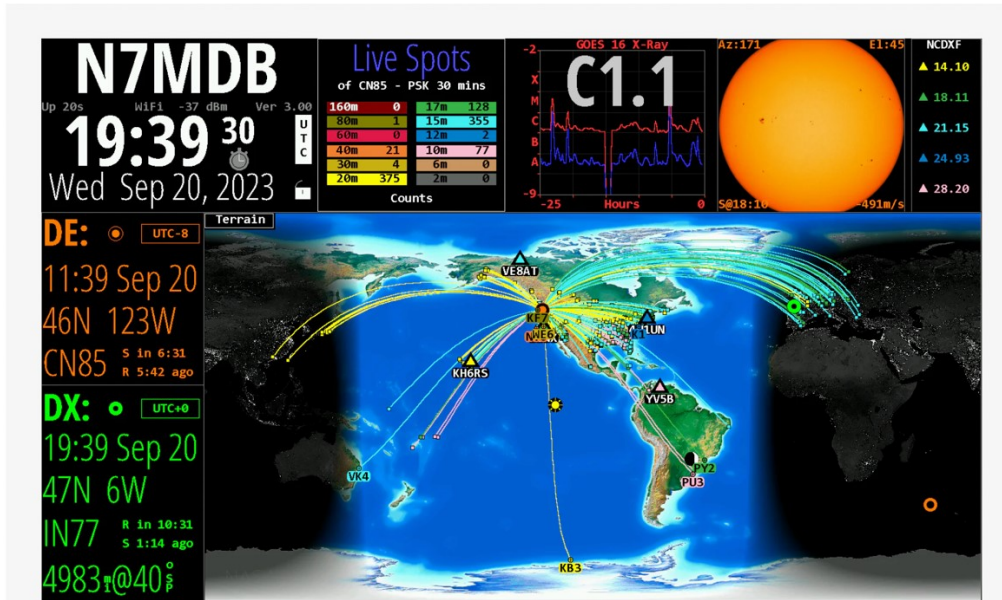


A \$50 Greyline Map for Your Shack

By Jim Kvochick K8JK



Do you want a fancy clock and radio information display in your shack like this?



Of course you do. You just want someone else to do most of the legwork in making it all happen. Well for 50 bucks, and a user supplied HDMI monitor, this can be in your shack, up and running in under 20 minutes.

Hamclock is a software application created by Elwood Downey WBOOEW and is available at Clear Sky Institute. There are tons of instruction pages and YouTube videos on installing this on Raspberry Pi processors.

I've written about the Inovato Quadra many times before, especially during the shortage of Raspberry Pi units as the world stumbled through the COVID epidemic. You can read about them and other little things that I've tinkered with on my blog, "Reflections From Both Ends Of The Feedline" at <https://k8jk.wordpress.com>

I have the little computers sprinkled around everywhere.

The Inovato Quadra was the brainchild of Michael Burmeister-Brown N7MDB. I suspect it was a little urging from the amateur radio population that helped set the stage for the next generation of software, that includes all kinds of pre-installed amateur radio-oriented applications, including Hamclock. In addition to new software, Michael has added a cute little fan, 3D printed stand, and USB hub to the bundle for \$49 plus taxes and shipping.

For more information, contact Jim at KVO@ATT.NET



This year's Tampa Bay Hamfest will again be held at the **Strawberry Festival facilities in Plant City, Florida**. The Hamfest will open to the public at 1 PM on Friday, December 13th, 2024, and run through Saturday, December 14th, 2024, closing at 3 PM. Please see the event details under the 'Venues and Hours' and the 'Testing, Forums, etc.' pages under the menu.

Again, the Tampa Bay Hamfest will be the West Central Florida Section Convention of the ARRL, American Radio Relay League. ARRL will have a location and will have representatives available to answer any questions you may have.

Exhibits and commercial vendors will be located in the Expo Hall. The general public parking and the **only** entrance is at the intersection of Berryfest Place (was Lemon St.) and West Palmetto Avenue. The Tailgate area (see below) will be the large grassy field adjacent to the Carriage House.

Set your GPS to N28.01563 and -82.14407 to locate the entrance to the facility on Berryfest Place and W. Palmetto Ave. in Plant City. The ticket booth is just past the public parking.

Tickets:

Everyone (over 12 years old) inside the hamfest area must have a ticket. All selling vehicles inside the tailgate area must display a dashboard Tailgate Placard.

Food: Again, this year, we will have the UMAMI SMOKE food truck outside the main doors of the Expo Hall.

UMAMI SMOKE Food Truck provided us some very fine food during the 2021, 2022, and 2023 Hamfests and we are pleased to have them again with an even broader menu this year.

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Continued



Animals:

Pets are not allowed inside any building on the Strawberry Festival grounds with the exception of Service Animals.

Flammable Material:

No flammable material is allowed inside any building and no fires are allowed anywhere on the Strawberry Festival grounds. No gas containers, propane, natural or other, are allowed inside any building.

Parking:

All visitor parking is in the main parking lot just south of the Florida Strawberry Festival Office (see below). Parking is free. Visitors who block traffic, park in loading areas, park in the vendor parking, or park in handicap areas without displaying a handicap license plate or hang-tag may be towed at the owner's expense.




Spring Hill Amateur Radio Club



December 2024

KF4IXU

An ARRL Affiliated Club - Northern Florida Section

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|--|---|---|--|--|--|
| Dec 1 NCO Sal Clascione N2UOG | 2 SHARK TEK CHEW 7:00 PM | 3 SSTV 6:30 PM SHARC Net 7:30 p.m. | 4 COFFEE @ HARDEES CORNER OF US 19 & CORTEZ 7:30 AM | 5 Volunteer Day | 6 LADIES Breakfast *See Note | 7 Pearl Harbor Remembrance day |
| 8 NCO Earl Brannon K4EEB | 9 SHARK TEK CHEW 7:00 PM | 10 SSTV 6:30 PM SHARC Net 7:30 p.m. | 11 COFFEE @ HARDEES CORNER OF US 19 & CORTEZ 7:30 AM | 12 | 13 Cocoa Day | 14 |
| 15 NCO Greg Anderson KOOR | 16 SHARK TEK CHEW 7:00 PM | 17 SSTV 6:30 PM SHARC Net 7:30 p.m. | 18 COFFEE @ HARDEES CORNER OF US 19 & CORTEZ 7:30 AM | 19 SHARC Members Meeting 7:00 p.m.  | 20 Fox Hunt Crews Lake Park 10:00 AM | 21 Start Winter Solstice |
| 22 | 23 SHARK TEK CHEW 7:00 PM | 24 Christmas Eve | 25 Christmas | 26 Kwanza | 27 | 28 |
| 29 NCO Kal Ribanszky KN4LKL | 30 SHARK TEK CHEW 7:00 PM | 31 SSTV 6:30 PM SHARC Net 7:30 p.m. | New Years Day | | | |

The ladies' will meet at 8:30 AM on December 6 at Up For Breakfast located near Joann Fabrics in the Target shopping center on US 19.

We Need your Feedback

Hi, I'm Jerry Sweet, editor for the SHARC newsletter.
We need your ideas, information, and articles to help our newsletter grow.
Please send them to JSweet26@TampaBay.rr.com or call me at
727-857-6204
73's
Jerry KO4RDI

Spring Hill
Amateur
Radio Club



SHARC would love to hear from you! Please refer to the following contact information:

President: Lenny Sechrist - SechristLeonard@gmail.com

Vice President: Frank Buzzelli - Gov.Frank521@tampabay.rr.com

Secretary: Greg Anderson - Heronnow17@gmail.com

Treasurer: Kal Ribianszky - Kribians@yahoo.com

Repeaters: Larry Oaks - W9SX@outlook.com

YL Breakfast: Carol Socash - CarolSocash@bellsouth.net

Newsletter: Send to: Jerry Sweet- JSweet26@TampaBay.rr.com

We're on the
web:
Springhillarc.com

Visit our website for much
more information and
details of club activities
and community involvement.

Send Snail Mail to:

**SHARC, PO Box 6083, Spring Hill, FL
34611**