Volume XIII September 2026

Welcome to The Waveform

A newsletter for the SpringHill Amateur Radio Club

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Club Officers

President

K4EEB

Earl Brannon

president@springhillarc.org

Vice-President

KR4GAX

John Hoffman

vp@springhillarc.org

Secretary

WA2MMY

Bonnie Bloxsom

Secretary@springhillarc.org

Treasurer

K4WEB

Wayne Boyd
treasurer@springhillarg.org

Board of Directors

KQ4TDQ Al Mattor

KA3DNC Andrew Johns

KD4DS Dave Sweeney

A Message from the President

Hello SHARC Members,

Welcome to October, both the weather is changing and All Hallows' Eve is this month. As most of you should now be aware this months meeting is November @ 6 pm. I hope to see everyone there.

SHARC will be ramping up the Club activities as the cool weather will allows us to be outside. Please keep your eyes on our Facebook Group (KF4XIU), our Groups I/O email reflector, and our Website at www.springhillarc.org for upcoming information, events and times.
I would like to remind everyone that we are looking for volunteers for the Annual Tunnels to Towers (T2T) event happening in Brooksville on Saturday November 21, 2026 from 7 am till around 11 AM. SHARC will be along the route providing any communications as needed. This is a great event and a great opportunity for SHARC to stand out in our community. Please Contact Andrew Johns KA3DNC by email at t2t@springhillarc.org for more information and to volunteer.

Our annual SHARC club elections are officially upon us! This year, we have several vital leadership positions open for election:

- **Vice-President**
- **Treasurer**
- **Director** (2 open positions)

If you want to step up, shape the future of our club, and make SHARC even better, we want you to run. To throw your hat in the ring, please attend our upcoming **November Club Meeting**. Candidates must come prepared with a brief, 2-minute informative speech to share their vision and tell members why they should vote for them. Your active involvement drives our community forward. We look forward to seeing you there and hearing your ideas!

Let's have a great last quarter of 2026 by being involved. Remember this is your club and I am here for you, our members. As your President I am humbled and honored to have your trust. Let's do this, full throttle until the end of 2026.

73
Earl Brannon
SHARC President

How to become a member of the SpringHill Amateur Radio Club.

It is really Easy.

1-You can print out the membership application on the next page.

Come to our next meeting and see us or

Mail in the completed membership form with a check to:
SpringHill Amateur Radio Club
P O Box 6083
SpringHill, Fl 34611

2- Online via our website www.springhillarc.org.

Once you have filled out the application click the Submit button.

Next, you can pay the club dues on our Paypal page.

You can choose to pay online using your credit-Debit card or Paypal.

And do not forget to subscribe to our Email reflector on Groups.io

Spring Hill Amateur Radio Club
P.O. Box 6083, Spring Hill, FL 34611 / An ARRL Affiliated Club

Date ____/____/ ____

Membership Form

☐ Renewal Membership -or- ☐ New Membership ☐ Individual Membership -or- ☐ Family Membership

Are you a member of the ARRL: ☐ Yes ☐ No License Class: ☐ Amateur Extra ☐ Advanced ☐ General ☐ Technician ☐ Technician Plus ☐ Novice

Call Sign is: _____

Name: _____

Address: _____

City: _____ State: __ ___ Zip: __ __ __ __ __ __

Address/telephone/e-mail: Check **NO** if you do **NOT** want the item printed on the club roster. The default is **YES**, the item will be printed on the roster.

Mailing Address	Telephone	e-mail address
☐Yes ☐No	☐Yes ☐No	☐Yes ☐No

Telephone #: (__ __ __) __ __ __ - __ __ __ __
(for newsletter and other club correspondence):

Enter your E-Mail Address _____

Married: ☐ Yes ☐ No

Spouse Name (or significant other): _____
and spouse's License Class & Call if Family Membership in club...

Spouse License Class: _____ Spouse Call Sign: _____

Your Birthday (month only): _____ Spouse Birthday (month only): _____ Wedding Anniversary (month only): _____

Special Interests or Hobbies: _____

Other comments or questions: _____

_____

SHARC 146·805 on the Air Since 1985

SHARC Dues are $20.00 and are due by December 31 to maintain your membership in the club. Make checks payable to SHARC, and include your payment TOGETHER with this completed form. ☺

Revised Oct 2021

Six meter SSB at 7:45

NOVEMBER 2026

SUN	MON	TUE	WED	THU	FRI	SAT
1 10AM Club Breakfast Legends Restaurant Daylight Saving Time ends	2 7PM CLUB NET 146.805 RPT 7:45 6M NET 50.150 USB	3	4	5 US ELECTIONS SHARC CLUB DINNER 5:30 PM BUFFET CITY	6	7
8 10AM Club Breakfast Legends Restaurant	9 7PM CLUB NET 146.805 RPT 7:45 6M NET 50.150 USB	10	11	12 SHARC CLUB MEETING 6 PM DIGITAL NET EVERY THURSDAY 443..800 RPT	13	14
15 10AM Club Breakfast Legends Restaurant	16 7PM CLUB NET 146.805 RPT 7:45 6M NET 50.150 USB	17	18	19 YAESU DIGITAL NET EVERY THURSDAY 443..800 RPT	20	21 TUNNEL TO TOWERS EVENT 8 AM BROOKSVILLE
22 10AM Club Breakfast Legends Restaurant	23 7PM CLUB NET 146.805 RPT 7:45 6M NET 50.150 USB	24	25	26 Thanksgiving Day	27	28
29 10AM Club Breakfast Legends Restaurant	30 7PM CLUB NET 146.805 RPT 7:45 6M NET 50.150 USB					

Major Historical Milestones

- 1605 (November 5): The Gunpowder Plot fails to blow up the English Parliament.
- 1800 (November 1): John Adams becomes the first U.S. president to move into the White House.
- 1918 (November 11): World War I ends with the armistice signed on the 11th hour of the 11th day.
- 1922 (November 4): Howard Carter discovers the tomb of Pharaoh Tutankhamun in Egypt.
- 1957 (November 3): The Soviet Union launches Sputnik 2, carrying a dog named Laika into orbit.
- 1989 (November 9): The Berlin Wall falls, signaling the end of the Cold War division in Germany

OPEN TO THE PUBLIC

Club Meeting
November 12th @ 6:00pm

---> 2750 Kingswood Circle
----> Brooksville Fl 34604
This is a gated community. Gates close at 7:00pm. You must be in the gate by 7. No addmittance after that.

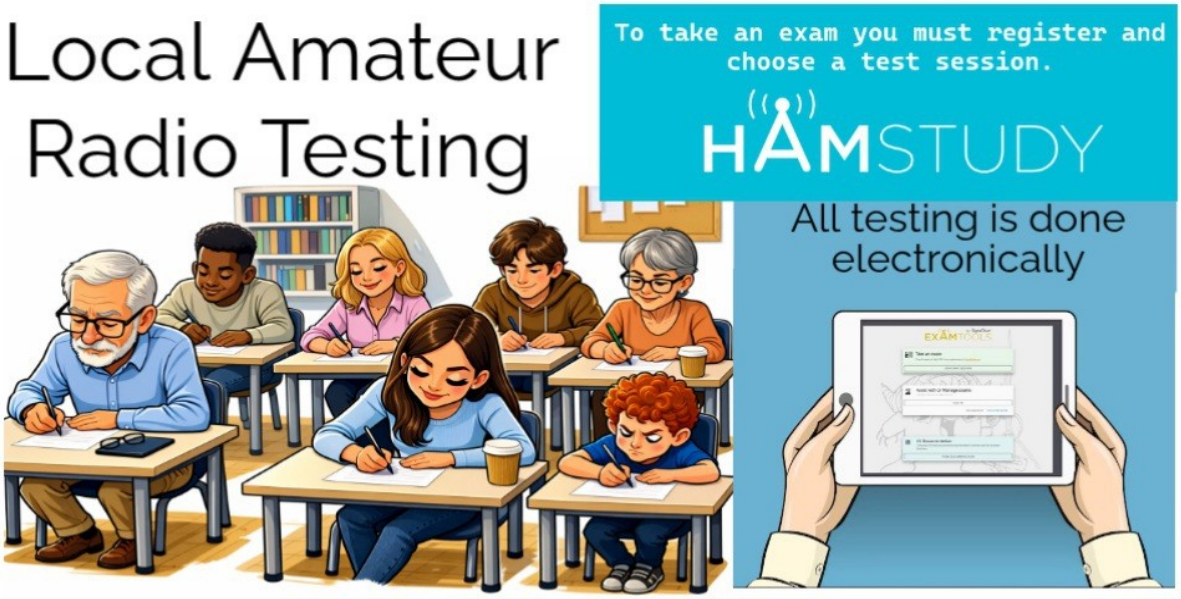
THIS MONTH'S PRESENTAION
SPECIAL GUESTS
Laura Burgess
Hope Springs Academy Hernando

ZOOM ROOM
MEETING ID
817 9918 1241
PASSCODE
068592

Laura Burgess is the co-founder of Hope Springs Academy Hernando, a school in Hernando County, Florida created to serve at-risk youth ages 11 and older with compassion, purpose and high expectations.

Hope Springs Academy

Local Amateur Radio Testing



VEC: Laurel VEC
Sponsor: Gulf Coast ARC
Date: 2nd Saturday of the month
Time: 10:00 AM
Contact: Carl Ekblad AJ4JA
(727) 798-7042
Email: AJ4JA@icloud.com
VEC: LAUREL VEC
Location: Millennium Academy
10005 Ridge Rd
New Port Richey FL 34654-5130
Website: www.gulfcoastarc.org

Sponsor: East Pasco ARS
Date: 2nd Wednesday of the month
Time: 3:00 PM
Contact: Duane Archibald N4WDH
(813) 991-7160
Email: testing@eparsonline.org
VEC: Laurel VEC
MY FAVORITE
Location: American Legion
37745 Church Ave
Dade City FL 33525-4128
Website: https://k4ex.org/

Sponsor: Hernando County ARA
Date: 2nd Thursday of the month
Time: 6:00 PM
Contact: Jim Kvochick K8JK
Email:k8jk@outlook.com
VEC: Laurel VEC
Location:Hernando County
Emergency Operations Center
18900 Cortez Blvd., Brooksville, FL
34601
Website:www.hcara.org/index.htm

Great music. Listen to it on your radio or stream it live at:

https://live365.com/station/RICHEYfm-a96761

SPRINGHILL AMATEUR RADIO CLUB'S
ZOOM MEETING
AVAILABLE DURING MONDAY & TUESDAY NETS
JOIN US ON ZOOM MEETING
SCAN & JOIN NOW
SCAN THE QR CODE TO JOIN US ON ZOOM
OR USE MEETING ID
817 9918 1241
PASSCODE
068592
6:45 PM Eastern Time
SPRINGHILL AMATEUR RADIO CLUB
SHARC
KF4IXU
SPRINGHILLARC.ORG

NEW! ITEM SHARC NAME BADGES

Many of the membership asked about Club name tags. Here is it.
The Official SpringHill Amateur Radio Club name tag.
You can order them directly from 'The SignMan' and with many options for fastners. link to order form:
www.tinyurl.com/springhillarc

KQ4JSN
Bruce Clark
SPRING HILL, FLORIDA

FOLLOW US ON Facebook
FOLLOW US ON YouTube

Do not forget to pick a fastner

The SignMan of Baton Rouge

Custom Signs & Name Badges

Like a country's flag, a club badge is more than just a logo. It is unifying symbol that is instantly recognizable. Something members can get behind, display proudly, and feel loyalty to.

The Florida Gulf Coast Amateur Radio Council
presents:
The 51st Annual

TAMPA BAY HAMFEST

and Electronics Show

ARRL West Central Florida Convention
Second Largest Hamfest in Florida

Strawberry Festival Grounds
Parking behind 301 N Berryfest Pl.
Plant City, Fl 33563

December 11th-12th, 2026

Friday 1pm to 6pm -- Saturday 8am to 3pm

Talk-in repeater - 147.165 (+.600) PL 136.5
For up-to-date information visit
www.TampaBayHamfest.org

ARRL-VEC Exams Saturday only -
The East Pasco Amateur Radio Society VE Team will be providing in person exams for Technician, General and Amateur Extra class. Testing is 10:00-11:30 please arrive on time. 15 minutes prior is better so that the VE's can get you checked in properly.
Pre-registration IS REQUIRED using the online link below.
https://hamstudy.org/sessions/EPARS

Admission at the gate	$13	Under 12 accompanying a paid admission	FREE
Advanced ticket purchase	$10	Public service/military in uniform	FREE
Student with ID	$ 5	-only available at the gate during hamfest	
Indoor tables - 8 ft	$20	No vehicles of any kind in building	
Booth-10x10 ft w/ 2 tables	$60		
Electric	$10		
Tailgate space	$10		
Camping	$20	See website for details	
Club Table-for activities	$ 0	No selling allowed	
Club Tables	$15	Each for selling	

Everyone entering the parking/Tailgate/inside area MUST have a ticket visible
WAS, DXCC, IARU, VUCC Card Checking available
Forums and programs are updates regularly on website

Name: _____ Date: _____

Old Time TV Shows

Word Search

DIRECTIONS: Find and circle the vocabulary words in the grid. Look for them in all directions including backwards and diagonally.

B	M	V	E	R	T	A	L	E	A	V	E	I	T	T	O	B	E	A	V	E	R	Y
Q	Y	B	H	H	I	A	I	K	I	F	L	K	J	T	K	A	O	F	B	W	L	O
T	T	P	F	R	H	D	H	A	O	S	S	Q	E	M	B	D	J	E	B	I	V	W
S	H	M	Z	B	H	J	C	H	G	R	S	Q	J	R	O	T	W	G	M	E	X	O
F	R	B	L	A	J	O	C	L	E	T	B	A	M	C	T	I	C	A	G	R	Y	H
X	E	E	U	G	N	T	D	T	D	R	J	Y	L	I	T	R	F	I	O	Q	F	S
I	E	V	F	Z	Z	T	S	A	E	C	V	Y	C	C	L	E	A	V	G	T	J	T
Y	S	E	A	T	T	N	V	X	R	B	V	Q	H	U	H	K	P	T	W	F	H	R
N	O	R	T	H	U	T	G	I	E	P	T	E	Q	T	L	W	V	V	S	A	L	A
A	N	L	H	M	W	A	O	I	T	Q	D	W	N	B	X	E	A	Z	P	J	I	H
P	S	Y	E	B	T	W	A	B	S	N	Q	I	I	T	V	V	V	P	K	W	O	W
M	A	H	R	T	H	A	T	G	I	R	L	Q	R	L	L	B	Y	O	X	T	J	E
O	T	I	K	A	E	Q	A	B	M	L	S	A	H	N	I	D	A	J	L	J	U	N
C	A	L	N	J	L	R	D	N	A	L	S	I	S	N	A	G	I	L	L	I	G	B
S	K	L	O	V	U	W	Q	X	M	T	Y	V	M	Y	O	X	H	Z	Z	P	E	O
E	C	B	W	S	C	Z	X	J	J	G	M	J	S	F	F	T	H	T	G	P	T	B
E	T	I	S	K	Y	W	U	T	E	N	G	A	R	D	R	O	K	S	Z	N	Z	D
R	L	L	B	P	S	B	R	A	D	Y	B	U	N	C	H	M	I	I	F	O	W	P
H	E	L	E	D	H	V	W	O	H	S	H	T	I	F	F	I	R	G	Y	D	N	A
T	M	I	S	L	O	S	T	I	N	S	P	A	C	E	H	R	F	A	S	D	U	E
C	G	E	T	A	W	A	D	D	A	M	S	F	A	M	I	L	Y	C	Q	Q	A	R
O	X	S	H	O	N	E	Y	M	O	O	N	E	R	S	B	E	Y	Y	C	Q	Q	L
Z	M	P	Q	A	J	S	E	N	O	T	S	T	N	I	L	F	G	Y	H	M	T	L

Addams Family
All in the Family
Andy Griffith Show
Batman
Beverly Hillbillies
Bewitched
Bob Newhart Show
Brady Bunch
Dragnet

Father Knows Best
Flintstones
Gilligan's Island
Happy Days
Honeymooners
I Love Lucy
Lassie
Leave it to Beaver
Lost in Space
Mister Ed
My Three Sons
Rhoda
Star Trek
That Girl
The Lucy Show
The Munsters
Three's Company
Twilight Zone

HERNANDO COUNTY SKYWARN

FACEBOOK PAGE

NWS Tampa Bay SKYWARN Spotter Training

Your NWS encourages anyone with an interest in public service to join the SKYWARN® program. Volunteers include police and fire personnel, dispatchers, EMS workers, public utility workers and other concerned private citizens. Individuals affiliated with hospitals, schools, churches and nursing homes or who have a responsibility for protecting others are encouraged to become a spotter.

Agenda

- Basics of thunderstorm development
- Fundamentals of storm structure
- Identifying potential severe weather features
- Information to report
- How to report information
- Basic severe weather safety

More information can be found at https://weather.gov/tampabay

Any Questions please email skywarn@springhillarc.org

SKYWARN is a National Weather Service (NWS) program consisting of trained volunter spotters—including civilians and public safety officials—who provide real-time, "ground truth" reports of severe weather, such as tornadoes, large hail, and high winds, helping to verify radar data and improve warning accuracy.

Click **Spotter** image above then create a free account.

Take their SKYWARN Spotter online training and pass quiz to become a member

Click on "Member Networks" in left hand menu, then join "Tampa Bay, FL (NWS/TBW)" by clicking the red X to make it a green checkmark

If you would like to be a NWS Tampa Bay Spotter, send an Email to sr-tbw.webmaster@noaa.gov after you've joined our member network and we will send you information on how to get your Certificate.

Click **MetEd** image above then create a free account

Start training then check box in MetEd to notify local National Weather Service of your training.

As a backup, Email your certificate(s) to sr-tbw.webmaster@noaa.gov

We receive a list of those who have taken the training on the 1st and 15th of every month.

NWS Tampa Bay requires SKYWARN Spotters to meet the following three requirements:

1-Live in or near west central or southwest Florida to receive an ID from NWS Tampa Bay. Counties include Levy, Citrus, Hernando, Sumter, Pasco, Pinellas, Hillsborough, Polk, Manatee, Sarasota, Hardee, DeSoto, Highlands, Charlotte, and Lee. If you live elsewhere, please contact your local NWS office for more information

2-Be at least 18-years-old. Those under 18 years of age are encouraged to take the training but can not receive a certificate.

3-Take a SKYWARN training every 3 years to remain active in the program

Once trained, Spotters will receive a link to download the handouts

Amateur Radio: Email questions, comments, and suggestions to our webmaster at sr-tbw.webmaster@noaa.gov for more information on networks and frequencies in our area

SPRINGHILL
AMATEUR RADIO CLUB
SPRINGHILL
THE
MONDAY NIGHT NET
IS
MOVING
TO THE
146.805
REPEATER
146.805
TIME:
7 PM
LOCAL
YOU CAN CONNECT TO US VIA:
ECHOLINK NODE
KF4IXU-R
ECHOLINK
ALLSTAR NODE
465519
AllStar
All Are Welcome to Join Us!
THIS IS AN INFORMAL NET.

https://tinyurl.com/kurmudgeons

SPRINGHILL AMATEUR RADIO CLUB (SHARC)

CLUB DINNER!

THURSDAY, NOVEMBER 5TH | 5:30 PM

BUFFET CITY RESTAURANT

13235 Cortez Blvd, Brooksville, FL 34613

Leave your radio at home...

But please bring your spouse!

"Join us for an evening of fellowship, great food, and conversation! No technical talk required."

www.springhillarc.org

RSVPs: dinner@springhillarc.org by Nov 3rd

2026 HAMFEST

AT THE AMERICAN LEGION DADE CITY

Saturday November 7th,2026 7 - 12

ADDMISSION: ADULTS AND KIDS: $5 Donation

Talk-in: 146.88 pl 146.2 * Free Parking * Handicap Accessible *
Food & Refreshments * Restrooms * ATM machine

37745 Church Ave, Dade City, FL 33525

East Pasco Amateur Radio Society, INC. K4EX Dade City Pasco County Florida Est 1990 146.880 - Digital C4FM - 443.600 http://eparsonline.org

The EAST PASCO AMATEUR RADIO SOCIETY is proud to announce our autumn annual HAMFEST

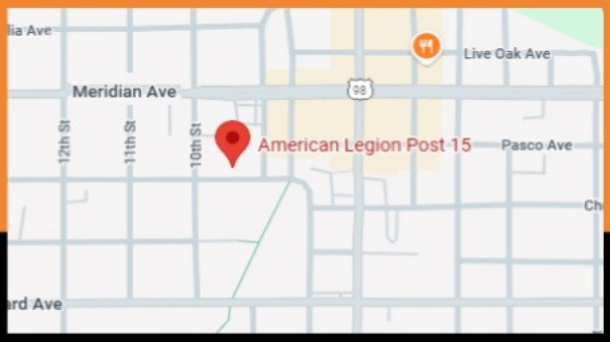
Sell your unneeded gear for extra cash!
Find that perfect addition for your shack.

VE TESTING

Technician,General & Extra Exams
Testing Fee: $15 Time: 9:00-10:30 am
You Must Register for exam online
https://hamstudy.org/sessions/EPARS/

DOOR PRIZES

Selling Spaces
OutDoor tailgate Additional $5
Indoor w/Table Additional $10



For more information:
www.k4ex.org

Contact us:
hamfest@eparsonline.org

QSO One is a modern, unified software solution designed by Frank Catena (KD8JKK) that bridges multiple amateur radio networks into a single, cohesive user interface. Released for Windows and Android—with iOS, macOS, and Linux versions in active development—the application serves as an innovative "hardware-free" gateway for licensed amateur radio operators to explore digital voice modes. By eliminating the technical and financial friction of building nodes or buying specialized radios, QSO One represents a major shift toward software-defined portability in the amateur radio community.

Consolidated Network Access

The core value proposition of QSO One is network consolidation. Instead of forcing operators to manage multiple isolated apps or complex terminal configurations, it aggregates a vast array of protocols under a singular dashboard:

• EchoLink & AllStarLink: Direct connection to node numbers, repeaters, conferences, and hubs without needing a physical node interface.

• DMR & System Fusion (YSF): Native client connectivity across major networks like BrandMeister

and TGIF, bypassing the need for physical MMDVM hotspots or digital transceivers.

• Emerging Protocols: Seamless integration for M17, P25, D-Star, and IAX Direct pipelines.

By standardizing directory layouts, search features, and a unified push-to-talk (PTT) interface, every protocol functions identically, lowering the learning curve for multi-mode operations.

Key Features and User Experience

QSO One stands out due to its feature-rich, accessible environment. It operates on a 100% free model without paywalled functions or intrusive ads. Essential integrated utilities include:

1. Net Finder & On the Net: A built-in directory that tracks scheduled amateur radio nets across different time zones. It lets operators set reminders, chat, and check in with a single tap.

2. Net Runner: An advanced tool providing live, on-device speech-to-text transcription of active nets. It automatically flags callsigns and streamlines net logging.

3. Advanced Audio Controls: The app features smart, network-specific audio memory. Mic gains and receive filters are automatically leveled so that a high-volume signal on EchoLink won't cause clipping when transitioning to a DMR talkgroup.

4. Hardware Integration: The software fully supports external Bluetooth PTT buttons (such as the Inrico B01), system volume keys, and physical AMBE USB vocoder sticks.

Operational Efficiency and Trade-offs

For the mobile operator, QSO One is exceptionally practical. Using either local Wi-Fi or a standard 5G/LTE cellular connection, hams can participate in active global nets while traveling or operating in HOA-restricted areas. Its built-in proxy system reliably bypasses cellular CGNAT and mobile firewalls that historically plagued legacy RoIP (Radio over IP) setups.

However, users must keep certain operational constraints in mind. Because it utilizes real amateur radio networks, a valid amateur radio license and registered credentials (such as a DMR ID) are strictly required to transmit. Additionally, while the app manages the user interface flawlessly, users are still responsible for registering their credentials on individual backing networks prior to signing in.

Conclusion

QSO One is an excellent addition to modern amateur radio toolkit. By standardizing diverse digital voice technologies into a single, cloud-synced software application, it preserves the social and technical essence of ham radio while removing heavy hardware barriers. It successfully shifts the focus away from equipment and back to community communication.

AA4CB Chris Bloxsom
ARRL Affiliated Club Coordinator WCF Section
ARRL Public Information Coordinator WCF Section
AmateurWire VoIP #1706
HamsOverIP VoIP #102941
X - @aa4cb_Chris FB- @aa4cb YT- @aa4cb
aa4cb@arrl.net ARRL Life member