

Earl's Ramble

Greetings to everyone,

What a full month May has been, but out with the old in with the new. First, I would like to welcome any new members to our Newsletter. SHARC has many ways that we use to communicate events and happenings including our Monthly meeting (3rd Thursday of the month at 6:30 pm, our Website www.springhillarc.org, our Facebook group (Search for KF4IXU), and our weekly nets on our Club repeater 146.805 (Monday 7pm and Tuesday 7:30 pm). Everyone is welcome to any of our events and/or weekly nets.

Let's talk a little about our upcoming Field Day which will be held on June 28 & 29 at 10337 Spring Hill Dr. We do have a special event Call sign of K4S that we will use during the field day event. On June 14th (Saturday) at 10:30 am we will be having a pre-field day setup event to check radios, antennas, needs and wants. This pre field day event is hopefully going to allow for a much smoother field day. So, if you have any input, suggestions, and/or advice it is always welcomed and valued. I will have a Field Day sign-up sheet at our June meeting so we can get an idea of those attending for food and drink needs. Please remember the reason for Field Day, prepare for emergency services and Community outreach. So, if we have ANY new visitors whether they are licensed or not, be friendly because you are Ham radio.

SHARC has a few more events and activities upcoming for the 2nd half of 2025. We are always looking for volunteers and event leaders, so if you have any free time, please raise your hand and be a part of making SHARC better in 2025. As always, I can be reached via email at President@springhillarc.org or by telephone 352- 610-3503.

Remember that summertime is here and so is the heat and humidity. So, if working outside where sunscreen and drink plenty of water. Have a great Month of June and I hope to see most of you whether it be on June 14th at the pre-field event or/and our Monthly meeting on June 19th at 6:30 pm.

Earl Brannon K4EEB
President@springhillarc.org
(352) 610-3503

Published for members and friends of the...

Spring Hill Amateur Radio Club



An ARRL affiliated club

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INSIDE:

- PLEASE PROVIDE FEEDBACK!
- DUES REMINDER

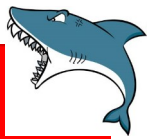
SHARC Repeater Information

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!"

Father's Day June 15



SHARC 2025 FIELD DAY



YOU'RE INVITED TO JOIN THE SPRINGHILL AMATEUR RADIO CLUB'S ARRL FIELD DAY EVENT ON JUNE 28-29, 2025! THIS IS A FUN, COMMUNITY FOCUSED EVENT WHERE WE WILL BE PRACTICING EMERGENCY COMMUNICATIONS AND MAKING CONTACTS WITH OTHER AMATEUR RADIO OPERATORS. THIS YEAR ALSO MARKS 40 YEARS OF BEING A RADIO CLUB. SO PLEASE COME ON OUT AND CELEBRATE WITH US. THERE WILL BE FOOD, REFRESHMENTS, AND GOOD CONVERSATIONS.



CQ FIELD DAY



DATE: JUNE 28 AND 29 2025
TIME: 02:00 PM SATURDAY
TO 02:00 SUNDAY (24 HR)
LOCATION: LINDA PETERSEN PARK
6400 SHOAL LINE BLVD.
SPRINGHILL FL 34607
CONTACT: W3BMK BRUCE
EMAIL: FD@SPRINGHILLARC.ORG





6 Meter Dipole

By
Chris Bloxsom AA4CB



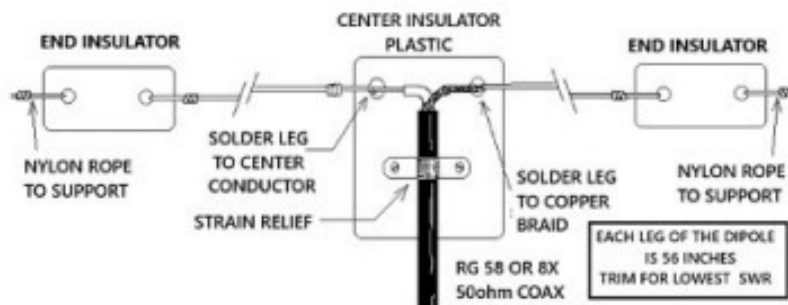
The six-meter ham radio band, spanning 50 to 54 MHz, is known for its ability to support long-distance communication during periods of sporadic E propagation, often referred to as the "magic band" due to its unpredictable nature.

Frequency Range: 50 to 54 MHz. The six-meter band is particularly known for its ability to support long-distance contacts during periods of sporadic E propagation, which can occur in the northern hemisphere from May through early August. The band's unpredictable nature and potential for long-distance communication during sporadic E openings have earned it the nickname "magic band". Most activity on the six-meter band is simplex,

meaning direct communication between two stations without the use of repeaters. There are several beacons around 50.000 MHz to 50.080 MHz. Digital modes are also used on the six-meter band. Yagi antennas are commonly used for six-meter operation, providing good gain and are directional. Multiple-hop sporadic E propagation can allow intercontinental communications at distances of up to 10,000 kilometers (6,200 miles). Most modern HF transceivers cover the six-meter band.



6 METER DIPOLE



This has got to be one of the easiest antennas to build. It is a dipole. Real simple and quick to assemble. I keep one in the POTA bag cause it is lightweight and you can wrap it up and take it with you. The basics is cut two wires about 56 inches long and solder to each side of the coax. Cheap to build. If you go to the Dollar Tree store you can get a plastic cutting board. Now chop that up to create 2 end insulators and the middle piece. Drill a couple of hole in the middle insulator for the coax to go threw. This will be the strain relief. A hole at the top of that so you can put your rope into it and pull the antenna up into a tree. Same with the insulators. Two holes one to tie off the dipole wire and the other for the rope support. Trim for lowest SWR. Have fun and hope to hear you on the air soon.



Chris Bloxsom AA4CB
aa4cb@arrl.net



In the News

Ham radio operators provided critical communications help

<https://www.tribtoday.com/news/local-news/2025/05/ham-radio-operators-provided-critical-communications-help/>

VLF Transmitter Array

As a child growing up on Mt Desert Island, my favorite place to visit was Cadillac Mountain. On a clear day I could see Nova Scotia. A curious sight was a huge antenna array, barely visible in the distance. I always wondered what it was used for.

Years later I found out it was a VLF transmitter used by the Navy to communicate with submarines. VLF radio frequencies (3-5 cycles) and 2-3 mega watts can penetrate saltwater to a depth of around 300 feet. The largest tower was 997 feet and the smaller towers were 875 feet. There are many installations across the globe used for this type of communication.

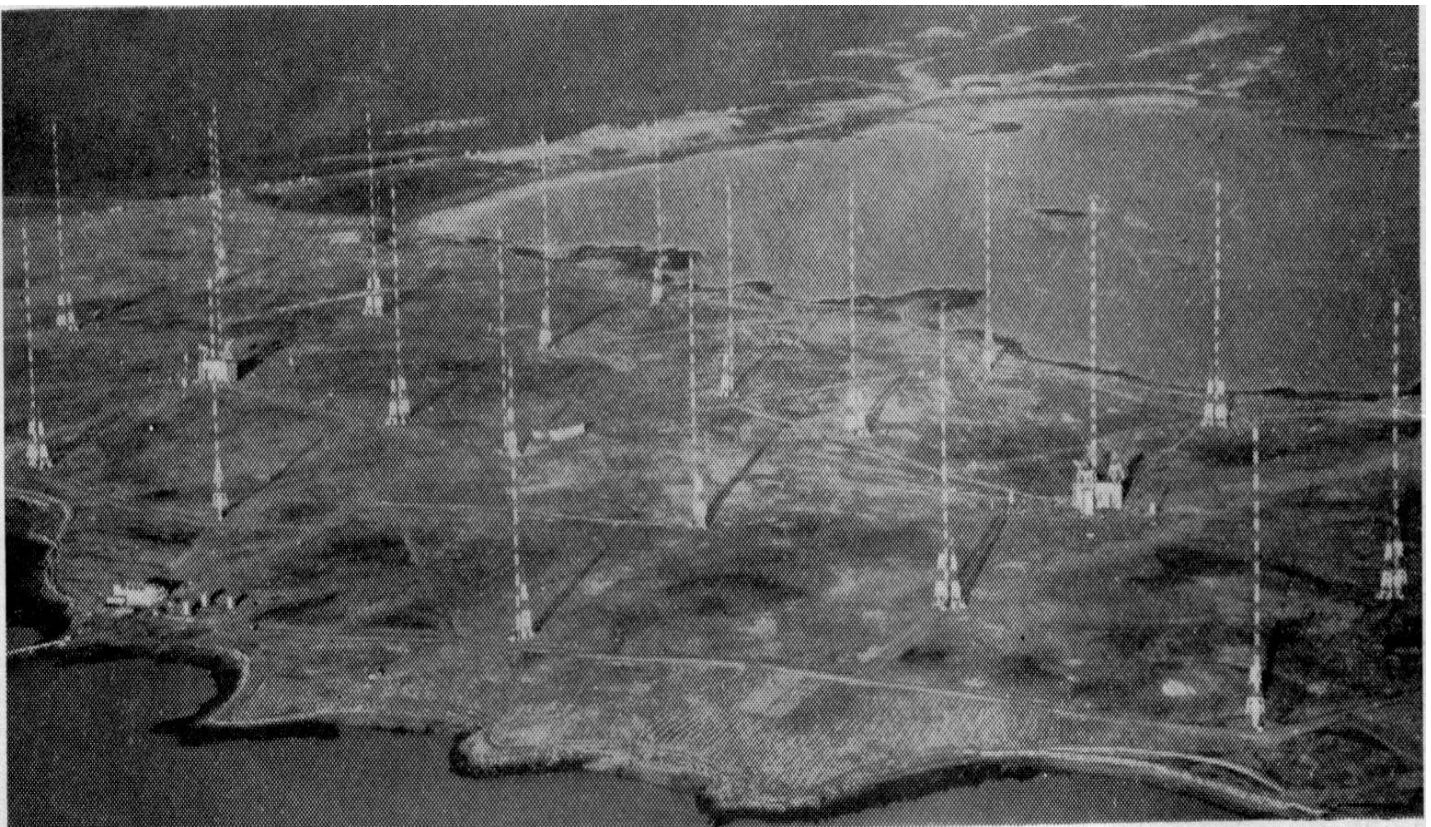


Photo Courtesy ARRL

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 newsletter@springhillarc.org or call me at 727-857-6204.

73's
Jerry



Spring Hill Amateur Radio Club

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

President: Earn Brannon - KO4PBS@Gmail.com

Vice President: Bernie Bathauer - Bathauer@Gate.net

Treasurer: Wayne Boyd - WBoyd7388@Gmail.com

Secretary: Carol Socash - CarolSocash@bellsouth.net

Director: Mike Hayes - Mike.Hayes317@Gmail.com

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

Send Snail Mail to: [SHARC, PO Box 6083, Spring Hill, FL 34611](#)