

CARC CLUB MEETING - 02 MARCH 2026 - 7:00 PM

SCETV BUILDING - 1041 GEORGE ROGERS BLVD., COLUMBIA, SC

BANK OF AMERICA CONFERENCE ROOM

Jim Lathan

John Kiselica

Clay Reynolds

Robert Bogan

Paul Finan

Wes Munn

Amanda McKinnis

Steve Ross

NOTE: Prior to meeting (6:48p - 02 MARCH 2026 -- Jim Lathan; Paul Finan; John Kiselica; Wes Munn; Dan Cunningham; Clay Reynolds; Amanda McKinnis agreed to use CARC funds to reserve March 21, 2026 @ 9:00a for Sesquicentennial Primitive Area for Ham Hangout event.

Opening Remarks

1. Jim Lathan opened the meeting at 7:04p and introduced the speaker for tonight's meeting presentation.

Presentation - Dr. Bob Connell, Ph.D. Physics - Electromagnetic Pulse Preparedness (EMP)

1. Bob discussed different forms of EMP interference; field strength of EMP pulses; and the physics and dangers behind EMPs.
2. Bob also provided handouts with preventive measures you can take against EMPs and lightning protection.
3. Documents part of Bob's presentation will be posted to the CARC website.
4. Bob would also email these documents to people who attended the meeting and signed the sign-in sheet with their email provided.

Events Past and Coming Up

1. **SC QSO Party Follow-up** - February 28, 2026. Jim wanted to thank everyone who participated.
2. **Ham Hangout** - this will include Ham & Eggs and will be on March 21, 2026 at 9:00am at Sesquicentennial Park. This will be about getting out and doing all things radio. Jim needs folks to talk about POTA, communications, family communications, Meshtastic, etc. This will be a hands-on event that is an open-topic event. This will be in the campground area. Jim said we are free to invite people (i.e. church groups, friends, etc.) but be cognizant of parking.

3. **Spring Cleaning Swap** -- on April 6, 2026 - bring what you want to get rid of to sell or just give away. This will be during the April 2026 CARC meeting
4. **MS-Walk** - we will not be participating this year due to construction and other issues of the pathway for the MS-Walk that are not yet worked out.

All Star Node for 147.330 Repeater

1. Should be installed on Thursday, March 5, 2026.
2. Jim let SCETV know of the installation.
3. Will use a Raspberry Pi 4 computer.
4. It was asked why we didn't go with DMR, Fusion, etc. Jim said this was due to majority of compatibility of radios. Some digital transceivers are very proprietary of brand. We wanted to make the repeater available to all kinds of brands of radio.

Tech Tidbits

1. After coming back from HamCation, Jim says Digirig has made a variety of spool antennas within the \$99-\$149 range.
2. Poclink POC-1 Series radio - cell service radio using 4G off-grid analog or Wi-Fi powered communications. They can be purchased on Amazon.com with life time sim cards. Paul Finan was selling a few for \$110. Jim says this is good to have because they work on ALL cell carriers - not tied to one cell service such as T-Mobile, Verizon, etc. They "hop" onto whatever the most available network is available. These radios can also talk in groups and add additional people. However, this does require cell networks but works on a data carrier network. These radios have no trouble in spotty cell service areas.
3. TGIFSPOT.com - TGIF Hotspots → allows use of a variety of digital radios.
- 4.

Treasurer Report

1. CARC PO Box arrange for access with current leadership and paid for.
2. Insurance premium is paid for.

Closing

The CARC meeting concluded at 8:59p.