



PEAKS & NULLS

MORRIS RADIO CLUB

Volume XII, Issue X

October 13, 2022

YOU CAN FIND US EVERYWHERE

Last week I attended an IEEE symposium and mini-show. Some of these folks I only get to see at this show every year although I do talk to them on the phone or by email like Rich Almeida WZ2P who every year tells me about his 160 meter loop and Alan Wolke W2AEW the Technical Coordinator for the Northern New Jersey section of the Hudson Division who works for Tektronix. Two weeks ago I got an email from Tektronix. The surprise was Alan's call in the header. Then there's Tom McCabe N2AXX. We use to work together until earlier this year. He was also the Secretary for the Fair Lawn ARC last year. There are usually nine technical talks for 30 to 45 minutes each. Some years there multiple good ones but, this year there was only one that I was interested in. A look at a Novel antenna Design by Dr. Ulrich Rohde N1UL (DJ2LR). I hadn't seen him in many years. Back in the 1970's we used to sit at the same table at the 10-70 Repeater Association meetings. He started by asking how many hams there were in attendance. There were eight total in the session. I know there were two others out in the room where the vendor exhibits were displayed. He went through the math at lighting speed. Slide after slide of long formulas. It turns out that it was just a simple bent antenna. He then introduced a Professor from Penn State, Jim Breakall WA3FET. Jim then gave a presentation on the radio telescope at Arecibo. He had worked on it as a grad student when it was being built and later designed some of the antennas that were added during upgrades over the years. There were pictures of the construction and various people that had worked there over the years. He had some pictures of a young Joe Taylor K1JT along with a picture of Joe in a tux getting his Noble prize. He was also part of the team with Joe Taylor that used the telescope to do Moon bounce. One of the highlights was a video of the cable snapping and destroying the towers. It turns out that the video is available on YouTube at https://www.youtube.com/watch?v=OgqrRy96z_0. The second half is footage from a drone that was doing an aerial inspection when the cable broke. It had been determined that it was too dangerous for anyone to go up and do a physical inspection. It is estimated that a repair will cost 800 million. They are looking at ways to get parts of it working without a large investment. It turns out that the HF antennas on the floor of the dish that Jim designed were not damaged so they can get them working again fairly easily. The same crew that cleaned up the world Trade Center after 9/11 cleaned up Arecibo. It always amazes me about how many hams I run into.

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It was brought to my attention that I haven't been posting the results for members who took part in the major contests for a while. I'll put something together and insert it in a future newsletter. Right now it looks like only one member has been active.



UPCOMING MEETINGS

October 17, 2022 In Person and Virtual Regular business meeting

November 21, 2022 In Person and Virtual Regular business meeting

December 19, 2022 In Person and Virtual Regular business meeting

SELECTED UPCOMING CONTESTS

ARRL EME Contest	0000Z, Oct 15 to 2359Z, Oct 16
10-10 Int. Fall Contest, CW	0001Z, Oct 15 to 2359Z, Oct 16
New York QSO Party	1400Z, Oct 15 to 0200Z, Oct 16
Argentina National 7 MHz Contest	2130Z-2230Z, Oct 15
Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 16
Illinois QSO Party1	700Z, Oct 16 to 0100Z, Oct 17
ARRL School Club Roundup	1300Z, Oct 17 to 2359Z, Oct 21
RSGB FT4 Contest	1900Z-2030Z, Oct 17
VHF-UHF FT8 Activity Contest	1700Z-2100Z, Oct 19
CQ Worldwide DX Contest, SSB	0000Z, Oct 29 to 2359Z, Oct 30
VHF-UHF FT8 Activity Contest	1700Z-2100Z, Nov 2
ARRL Sweepstakes Contest, CW	2100Z, Nov 5 to 0300Z, Nov 7
ARRL EME Contest	0000Z, Nov 12 to 2359Z, Nov 13
WAE DX Contest, RTTY	0000Z, Nov 12 to 2359Z, Nov 13



PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR NOVEMBER 2021

SUNSPOT NUMBER

10.7 RADIO FLUX

PREDICTED HIGH LOW

24.7 34.7 14.7

PREDICTED HIGH LOW

78.3 87.3 69.3

VEC EXAMS

NEWTON, NJ

10/21/2022

Sponsor: SCARC**Date:** Oct 21 2022**Time:** 7:00 PM

(Walk-ins allowed)

Contact: Sid Markowitz

(973) 663-0518

Email: k2gg@ieee.org**org****VEC:** ARRL/VEC**Location:** Sussex County Public Safety Training

114 Morris Tpke

Newton NJ 07860-

4912

FAIRFIELD, NJ

10/29/2022

Sponsor: West

Essex ARC

Date: Oct 29 2022**Time:** 12:30 PM

(No Walk-ins / Register or Call ahead)

Contact: Michael

Luongo

(973) 641-1999

Email: k2nnn@yahoo.com**hoo.com****VEC:** ARRL/VEC**Location:** Stay in

Your Car Session

310 Passaic Ave

in the covered

parking lot

Fairfield NJ 07004-

1360

SEPTEMBER MEETING MINUTES

Morris Radio Club – Meeting Minutes

September 19, 2022

The meeting was held both in person and by video teleconferencing

Attendees (13) In Person:

K2EMJ, KC2RDX, K2SCH, KC2KNT, NO2EL, W2GM, WA2VQF, WA2YCI, WR2G, W3CJD

Virtual:

KD2WGQ, WS2Q, WA2IMS,

A quorum was present.

Opening of Meeting

President Ed opened the meeting at 7:32 PM

Reports:

Secretary – Bill WA2VQF reported that August 2022 minutes were issued in the September 2022 Peaks and Nulls Newsletter. Ed K2EMJ reported an error that Capital One Bank was misidentified as ConnectOne.

Jack was thanked for taking the minutes at the August meeting.

Craig WR2G moved to accept the Secretary report.

Pat K2SCH seconded. The report was accepted.

Treasurer – Noel NO2EL reported the September account balances.

Activity: Confirmed Amazon Web fees. Received Amazon Smile donation. Received 2023 Dues from K5PBJ. The actual numbers are available from Noel.

Joe N1MID moved that the Treasurers report be accepted. Chris W3CJD Seconded. The Treasurer's report was accepted.

Old Business:

Voting on motion to amend Article III, Section 2 of the constitution of the Morris Radio Club.

There were nine (9) votes received by return email. Nine Yes Votes and zero No and Abstain votes.

There were nine (9) votes in person. There were zero No and Abstain votes.

17 yes votes were required for the motion to pass. The constitution will be amended.

Noel reported that he will no longer be able to store club

material because of physical changes to his house. Harvey has offered use of his storage unit.

The secretary will take the historical records to add to the material received from Ed Weeds estate.

Chris W3CJD reported that an ARES test will be held on November 5th. Contact Chris if you are interested in taking part.

New Business:

Ed K2EMJ brought up the November election of officers. Noel cannot continue as Treasurer but may be able to fill another position. Anyone who is interested is serving as an officer can contact Ed.

Noel reviewed the functions of the officers.

Noel was asked about the hamfest in PA this past weekend. He said that it was a fair turn out but, no one was buying.

Chris W3CJD was looking for anyone that might want to sell with him at the Splitrock Hamfest coming up

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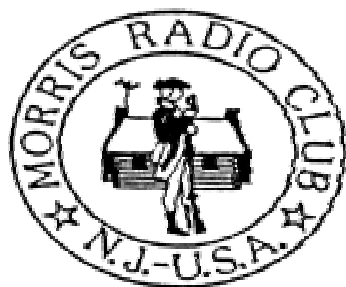


MORRIS RADIO CLUB

K2EMJ	ED PETERS	PRESIDENT
W2GM	MARK SUGARMAN	VP
WA2VQF	BILL LOFTUS	SECRETARY
NO2EL	NOEL SCHEFFEN	TREASURER

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on October 1st. Noel said that he will have multiple tables and he could join him.

Noel mentioned that both Rob KC2RDX and Jim KY2D are both moving out of the area.

Chris inquired about the bandpass filters bought for Field Day. Noel reported that he has acquired one set and described the setup.

Pat K2SCH moved that Noel research finding another set of filters possibly with automatic band changing. A discussion was then held about adding a Phone station and running class 3A on Field Day. There was a general consensus that that was a good idea.

It was decided that Noel try to obtain two or possibly three sets with a top price of \$400.00 each. Chris W3CJD seconded.

Ed brought up the fact that if Noel is not present at a meeting we would not be able to have the virtual session.

THE MORRIS RADIO CLUB IS AN ORGANIZATION OF AMATEUR RADIO OPERATORS WHICH HAS BEEN IN EXISTENCE FOR OVER SIXTY FIVE YEARS. AS A HOBBY, AMATEUR RADIO SERVES AS A PUBLIC RESOURCE FOR COMMUNICATIONS AS WELL AS AN EDUCATIONAL EXPERIENCE.

ALTHOUGH MANY WHO BECOME INTERESTED IN AMATEUR RADIO ARE INVOLVED IN AN ELECTRONICS RELATED FIELD, THE HOBBY APPEALS TO A WIDE VARIETY OF INDIVIDUALS.

THE MEMBERSHIP OF THE MORRIS RADIO CLUB IS A DIVERSE GROUP MADE UP OF MEDICAL, BUSINESS, EDUCATION, AND LAW ENFORCEMENT PROFESSIONALS, AMONG OTHERS, WHOSE COMMON INTERESTS ARE COMMUNICATION, EDUCATION, AND PUBLIC SERVICE.

HAMFEST CALENDAR

Long Island Hamfest and Electronics Fair

11/13/2022

Location: Levittown Hall

201 Levittown Parkway

Hicksville, NY 11801

Website: <http://www.limarc.org>

NJARC Hamfest Swapmeet Show

11/19/2022

Location: Parsippany PAL

33 Baldwin Road

Parsippany, NJ 07054

Website: <http://www.njarc.org>

Pat K2SCH moved that the meeting be closed. Joe N1MID Seconded

President Ed closed then meeting at 8:42 PM

WA2VQF

MRC Secretary