



# PEAKS & NULLS



MORRIS RADIO CLUB

Volume X, Issue VI

June 11, 2020

## FIELD DAY 2020

My first Field Day was 1962 at Eagle Rock Reservation in West Orange. I've missed a few over the years due to the Army and work but, not too many. Before I got into CW I enjoyed the early Sunday morning shift on the Phone station when there were sunspots and 20 would start to open to California a little after 3 AM. This year will certainly be different. Although outdoor group gatherings have been increased to 25, because members are not comfortable being in the trailer the Morris Radio Club will not be having Field Day this year. I don't know how much time I'll have to participate but I do intend to get on. The big question is what class I'll run. The ARRL suggests class B, C, D or E. They also state "We will be including club names for all participating stations in the published results, so the efforts of your club's members can be acknowledged". This brings up a question that has not been answered yet. The Field Day form says that the club name is for Class A and F only. The league has not cleared this up yet but, we will be putting the club name in that spot. So what are these other classes:

**(Class B) One or two person portable:** A Field Day station set up and operated by no more than two persons. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B entries will be listed separately.

**(Class B - Battery) One or two person portable:** A Field Day station set up and operated by no more than two persons. All contacts must be made using an output power of 5 Watts or less **and** the power source must be something other than commercial mains or motor-driven generator. Other provisions are the same for Class A except it is not eligible for a GOTA or free VHF station. One and two person Class B - Battery entries will be listed separately

**(Class C) Mobile:** Stations in vehicles capable of operating while in motion and normally operated in his manner. This includes maritime and aeronautical mobile. If the Class C station is being powered from a car battery or alternator, it qualifies for emergency power but does not qualify for the multiplier of 5, as the alternator/battery system constitutes a motor-driven generating system

**(Class D) Home stations:** Stations operating from permanent or licensed station locations using commercial power. Class D stations may only count contacts made with Class A, B, C, E and F Field Day stations.

**(Class E) Home stations - Emergency power:** Same as Class D, but using emergency power for transmitters and receivers. Class E may work all Field Day stations.

You can find the complete Field Day Packet in PDF form here: [http://www.arrl.org/files/file/Field-Day/2020/2020 Field Day Packet\(1\).pdf](http://www.arrl.org/files/file/Field-Day/2020/2020%20Field%20Day%20Packet(1).pdf)

### Inside this issue:

UPCOMING MEETINGS	2
UPCOMING CONTESTS	2
SOLAR FULX PREDICTION	3
MAY MEETING MINUTES	3
HAMFEST CALENDAR	4



### UPCOMING MEETINGS

June 15, 2020 Virtual business meeting  
 July 20, 2020 Possible Virtual Meeting  
 August 17, 2020 Get-Together to be determined  
 September 21, 2020 If school not available virtual meeting  
 October 19, 2020 If school not available virtual meeting  
 November 16, 2020 If school not available virtual meeting

### SELECTED UPCOMING CONTESTS

Asia-Pacific Sprint, SSB	1100Z-1300Z, Jun 13
Portugal Day Contest	1200Z, Jun 13 to 1159Z, Jun 14
REF DDFM 6m Contest	1600Z, Jun 13 to 1600Z, Jun 14
ARRL June VHF Contest	1800Z, Jun 13 to 0300Z, Jun 15
SARL Youth Sprint	1200Z-1400Z, Jun 16
All Asian DX Contest, CW	0000Z, Jun 20 to 2400Z, Jun 21
Stew Perry Topband Challenge	1500Z, Jun 20 to 1500Z, Jun 21
ARRL Kids Day	1800Z-2359Z, Jun 20
His Maj. King of Spain Contest, SSB	1200Z, Jun 27 to 1200Z, Jun 28
Ukrainian DX DIGI Contest	1200Z, Jun 27 to 1200Z, Jun 28
ARRL Field Day	1800Z, Jun 27 to 2100Z, Jun 28
RAC Canada Day Contest	0000Z-2359Z, Jul 1
DL-DX RTTY Contest	1100Z, Jul 4 to 1059Z, Jul 5
Marconi Memorial HF Contest	1400Z, Jul 4 to 1400Z, Jul 5
IARU HF World Championship	1200Z, Jul 11 to 1200Z, Jul 12



## PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR JULY 2020

**\*\*\*SUNSPOT NUMBER\*\*\***

**\*\*\*10.7 RADIO FLUX\*\*\***

**PREDICTED HIGH LOW**

**PREDICTED HIGH LOW**

2.4 12.4 0.0

60.9 69.9 60.0

## MAY MEETING MINUTES

Morris Radio Club – Meeting Minutes

May 18, 2020

The meeting was held by video teleconferencing

Attendees (15) K2EMJ, K2GG, KA2HZP, KB2GGK, KC2RDX, KC2RG, KD2SON, KY2D, N1NMD, NO2EL, W2GM, WA2IMS, WA2VQF, WA2YCI, WR2G

A quorum was present.

Opening of Meeting  
President Ed opened the meeting at 8:05 PM

Reports:

Secretary – Bill WA2VQF reported that April minutes were issued in the May Peaks and Nulls Newsletter. There was one correction received. Eagle eye Sid K2GG spotted that I butchered Joe's call when he seconded closing the meeting. I had BINID instead of N1MID.

Craig WR2G moved that the Secretary report be accepted. SID K2GG Sec-

onded. The Secretary report was accepted.

Noel NO2EL presented the treasurers report for January.

Treasurer – Noel NO2EL reported that the May account balances

The actual numbers are available from Noel.

Steve WA2IMS moved that the Treasurers report be accepted. Joe N1MID Seconded. The Treasurers report was accepted.

Old Business

There was no old business

New Business:

Noel NO2EL will update the web page to show our current on line meeting schedule and that we have a virtual meeting whenever the school is closed.

The permits have been approved for Field Day but Hanover Township is not currently approving any gatherings.

Several ideas were floated on how we could hold Field Day without the trailer.

At this point in time the general consensus is that we will not be having a club Field Day this year.

Sid K2GG moved that the meeting be closed. Joe N1MID Seconded

The meeting was closed at 8:56 PM.

WA2VQF  
MRC Secretary

(Continued from page 1)

Well what do you know. Now that I had finished this newsletter and made the PDF the league on June 9 has clarified what to do about the club score. Below is part of their clarification that is available on the ARRL web page. I am reprinting the part that effects us.

**Q:** Several of our club members are going to operate independently and wish to attribute their scores to the aggregate club score. What call sign should they use?

**A:** Participants should use their own call signs. Except for Class C (mobile) entries, all transmitters, receivers, and antennas must be located within a 1,000-foot-diameter circle may operate using a single call sign. This prohibits the use of a single call sign from more than one location. Under the 2020 waiver, those operating from home, including backyard operations, must use their own station call signs. Multiple home stations operating with a club call sign or modified club call sign, such as W1AW-1, W1AW-2, W1AW-3, etc, are not allowed.

**Q:** How does my club submit an aggregate club score? Does the club need to add up each participating member's scores and submit a club entry with the aggregate score under the club call sign?

**A:** Each participant will submit his or her own independent entry under his or her call sign. ARRL will calculate the aggregate score based upon the club name entered on the official Field Day [entry form via the web applet](#) (preferred method) or on the paper Field Day entry form. In order for results to be tabulated correctly, all club participants must enter the club's official name exactly the same, avoiding abbreviations or acronyms. This is important!

So there we have it. Please use the club name as shown on the next page. Just as we speculated at the drop in session last Monday, it is important that they all are formatted the same way.

I have made both pages of the Field Day Form into a fillable PDF. If anyone wants a copy email me at [WA2VQF@ARRL.net](mailto:WA2VQF@ARRL.net) and I'll send it to you.

Don't forget the bonus points. Emergency Power, Section Manager Message, W1AW Field Day Message, Satellite QSO's, Submitted via the web app. All of these will be available to home stations for points.

(Continued on page 5)

(Continued from page 4)

Lastly Logging. If you want to you can hand log but, the logging program we use on Field Day N1MM Logger + is free. You can download it from here:

<https://n1mmwp.hamdocs.com/downloads/n1mm-full-install/>

Even if you don't have it talking to your rig you can still use it to log your contacts. Just remember to set it to the band that you are on.

Your submission does not require a log but it does require dupe sheets as proof. N1MM does not produce a dupe sheet so I generate them a different way but, the ARRL will accept a Cabrillo format log file as proof and N1MM will generate that.

Remember that Field Day is not just for the low bands. The VHF bands are also fair game and 6 Meters has been very active lately. Most of the newer low band rigs also cover six. You just can't use a repeater.

Now on May 28th the ARRL made some changes for this year only. Class D stations are now allowed to contact other Class D stations and more importantly to us:

“In addition, for 2020 only, an aggregate club score will be published, which will be the sum of all individual entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions).”

So make sure that you have “MORRIS RADIO CLUB / HANOVER TWP OEM” in line 2 of the Field Day Form. I will have it already in the PDF version.

You can also submit your entry online. Doing so gets you 50 bonus points. You need all the same information as the regular Field Day Entry Form. You can also upload your required documentation directly at this site:

<http://field-day.arrl.org/fdentry.php>

So get on and have some fun.

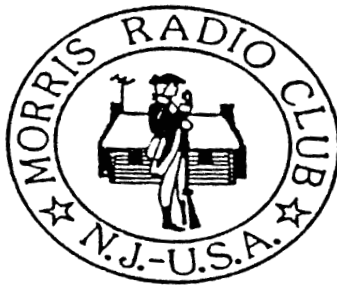


## MORRIS RADIO CLUB

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

E-mail: [morriscradioclub@gmail.com](mailto:morrisradioclub@gmail.com)

[WWW.MORRISRADIOCLUB.ORG](http://WWW.MORRISRADIOCLUB.ORG)



**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

ALL HAMFESTS FOR THE NEXT MONTH HAVE BEEN CANCELLED.

