

# PEAKS & NULLS



MORRIS RADIO CLUB

Volume VII, Issue VI

June 13, 2019

## FIELD DAY 2019

Our Field Day Site again this year will be at Central Park in Hanover. We will be running two stations in the Hanover Township OEM Trailer. Phone/Digital and CW. Both stations will have the computers linked so that the logging software will show the operators the mode and operating frequency of both stations. If you can, please come out to help raise the beam, it will take at least six people to get it up. The Phone/Digital station will use the Beam for 10/15/20 and a Carolina Windom for 40 and 80. The CW station will use a Carolina Windom for all bands. We will be using Marks' launcher to get the lines for the wire antennas over the light poles at the ice rink.

Remember although we get points for each contact we make and bonus points for Emergency Power and other items Field Day is technically not a contest. It is an emergency drill. There are no prizes awarded. We just get to see how we compare with other groups in the division and around the country. There are groups that go all out to be number one nation wide in their class. That's fine but we go just to have a good time and we always

end up in the top quarter of the country.

Again this year everyone will be responsible for their own food and drinks but please remember this is a public park and no alcoholic drinks are allowed. Ed will be bringing his ice chest. We have the Fire permit so if anyone wants to bring a grill to cook, be our guest. Sometimes it gets hot on Field Day so Sunblock, water, a hat and a chair are always good things to have. Like in some years past Field Days can also be rainy so it may pay to pack some wet weather gear just in case.

If you have a favorite pair of headphones bring them along. The ICOM takes a 1/4" phone jack for the headphones and Noel has an adapter box for the Flex. We will have adapters for other sizes.

We will be set up at Central Park in Hanover Township. If you have GPS the coordinates are 40.820163, -74.438324 (these coordinates also work with Google

*(Continued on page 13)*

### Inside this issue:

UPCOMING MEETINGS	2
UPCOMING CONTESTS	2
SOLAR FULX PREDICTION	3
MAY MEETING MINUTES	3
1949 MINUTES	4-12
HAMFEST CALENDAR	13

## AUGUST GET TOGETHER

We haven't picked a location yet but, our August Get Together will be held at 6 PM August 20th. If

you have any suggestions for a location let us know at Field Day.



## UPCOMING MEETINGS

June 17, 2019 Meeting Canceled

June 22, 2019 Field Day— Central Park in Hanover

No July Meeting

August 19, 2019 Get-Together location to be determined . Open to everyone. YL's, XYL's, Harmonics are all invited. Everyone pays their own way.

## SELECTED UPCOMING CONTESTS

All Asian DX Contest, CW	0000Z, Jun 15 to 2400Z, Jun 16
AGCW VHF/UHF Contest	1400Z-1700Z, Jun 15 (144) and 1700Z-1800Z, Jun 15 (432)
RSGB 80m Club Championship, CW	1900Z-2030Z, Jun 19
His Maj. King of Spain Contest, SSB	1200Z, Jun 22 to 1200Z, Jun 23
Ukrainian DX DIGI Contest	1200Z, Jun 22 to 1200Z, Jun 23
ARRL Field Day	1800Z, Jun 22 to 2100Z, Jun 23
RSGB 80m Club Championship, SSB	1900Z-2030Z, Jun 27
RAC Canada Day Contest	0000Z-2359Z, Jul 1
RSGB 80m Club Championship, CW	1900Z-2030Z, Jul 1
DL-DX RTTY Contest	1100Z, Jul 6 to 1059Z, Jul 7
Marconi Memorial HF Contest	1400Z, Jul 6 to 1400Z, Jul 7
Original QRP Contest	1500Z, Jul 6 to 1500Z, Jul 7
RSGB 80m Club Championship, SSB	1900Z-2030Z, Jul 10



## PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR JULY 2017

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

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

**PREDICTED HIGH LOW**

**PREDICTED HIGH LOW**

24.9 34.9 14.9

81.5 90.5 72.5

## MAY MEETING MINUTES

Morris Radio Club – Meeting Minutes

May 20, 2019

Attendees (9) K2EMG, K5PBJ, KA2HZP, KD2NMX, KY2D, N1MID, NO2EL, WA2VQF, WR2G

A quorum was present.

Opening of Meeting

President Ed K2EMJ opened the meeting at 7:36 PM

Reports:

Secretary – Bill WA2VQF reported that the April Minutes were issued in the May Peaks and Nulls Newsletter. There were no corrections received.

Craig WR2G, moved that the Secretary report be accepted. Jim KY2D Seconded. The Secretary report was accepted.

Noel NO2EL presented the treasurers report for May.

The actual numbers are available from Noel.

Jim KY2D moved that the Treasurers report be accepted. Joe N1MID Seconded. The Treasurers report was accepted.

Old Business

Noel checked out the Field Day site and everything looks good. We will have Wi-Fi at the site. We will have a back up antenna launcher if we need it.

Craig WR2G will arrange to have the trailer on site Friday night and he will get the paperwork.

Ed will order Field Day pins for anyone that wants one. The cost is \$6.00

Bill will submit the Field Day article to the Hanover Eagle around the 1st of June.

New Business:

Stu KA2HZP reported on the 5 watt challenge that was held a few weeks ago.

There haven't been many reports on the Dayton Hamvention.

Craig WR2G moved that the meeting be closed. Fred KD2NMX Seconded.

President Ed closed the meeting at 8:19 PM.

After the meeting Noel NO2EL gave a live on the air demonstration of the FT8 setup that will be used on Field Day.

WA2VQF  
MRC Secretary



56

MORRIS RADIO CLUB

Thursday, June 2, 1949 -- 8:00 PM.  
Red Cross Headquarters, 29 Elm St. Morristown, N.J.

John VanDuyne -- W2MLX of Dumont will talk on

GETTING ON 420 MEGACYCLES.

Reports from all over indicate that John has a very excellent talk and a swell demonstration. Let's all make it and give the ultra highs a crack. See you there.

Door Prize

Refreshments

73

5 Morristown Daily Record, Wednesday, June 1, 1949

**Radio Club To Hear John Van Duyne**

John Van Duyne of Rock Ridge Lake, Denville, will be the guest speaker at the Morris Radio Club meeting to be held tomorrow evening at the Red Cross Chapter House, 29 Elm street.

Mr. Van Duyne, a radio engineer with the Allen B. Du Mont laboratories and operator of amateur radio station W2MLX, will discuss and demonstrate receiving and transmitting equipment for operation in the 420 megacycle band.

In a short business meeting, the proposed constitution and by-laws of the club will be presented for first reading.

pre meeting notes.  
next meeting Wed. June 15.

Charlie Atwater W25N

Johnnie Stokwell

ND

"Technical and Operational problems of two meter emergency service and Demonstration of equipment."

Proposed meetings



The meeting was called to order at 8:20 PM by Tom McCann W2AFB

The secretary called the roll of attendance

Attendance 20

W2AFB W2DAE K2BI K2BO W2GAX W2OYH W2WCM W2WPL W2WZC  
W2YTH W3AUF W2ZWP W2OEW W2ENU W2WCL W2FL W2IQQ W2MLK Dick Sanger  
Phil Cummins

Ed Weed (K2BO) presented the drafted constitution of the club as the first reading. He requested that comments of the membership be jotted down and mailed to him before the next meeting.

He will incorporate them in the constitution draft and present it in second reading next meeting. A vote will be taken on the constitution at the next meeting.

Tom McCann announced that the speaker for the next meeting will be Dal Aksers W2FL who will speak on Modification of ARC 5 equipment for amateur use. The secretary was instructed to note on the cards for the next meeting that a vote would be taken on the constitution.

The treasurer W2OYH read a report on the club money. This totaled \$47.50 less 15.20 (Secretarial expense (\$32.21))

The president announced that only one meeting would be held in July and one in August (July 13 & August 17). Regular bi-monthly meetings will resume in September.

The president read the letter of transmittal of the Morris radio club's comments on FCC proposals of rule making that was sent to the Hudson and Atlantic division ARRL directors.

Three ARRL bulletins were read in brief.

An answer from W.B. Martin - Director of the Atlantic Division was read.

A copy of Mr. Martins address to the Rochester Hamfest was briefed.

Copies of the Comments of The Morris Radio Club on the FCC Docket re Proposed Rule Making were passed out to the membership.



W2WCM - Benny Orchard won the 829B prize for first working Pent Sumner with 2 meter mobile equipment.

The membership showed the equipment which had been built or partially completed for 2 meter mobile equipment.

Dal Akers W2FL showed a 2 meter mobile receiver he had built on order from a Ohio ham.

The president congratulated W2HIE and W2C for their excellent handling of the refreshments for the past three months and appointed W2ZWP and W2WPL ( Jim Yroe and Wilbur Jacke) as refreshment committee for the next three months (3 June through second meeting in September).

W2WCM Benny Orchard who is secretary of the (unreadable) Amateur Club said that a letter had been sent to the Morris Radio Club stating that

A 2 meter Hidden Transmitter hunt would be held on the last Sunday in July (July 31) starting at 10:30 AM. A picnic will be held at the Water Works grounds at the end of Princeton Avenue in Dover following the hunt. The membership of the Morris Radio Club and families is cordially invited.

Pent Sumner - communication Director "congratulated" the membership on its failure to meet the June 1 date for emergency mobile equipment.

W2WCM and W2YTH made the date

At 9:20 Johnnie VanDuyne spoke on 420 meter equipment.

He pointed out that 420 was interesting as it was

1. Unexplored
2. Good for antenna measurements & experimentation
3. Good for relay links service.
4. Good for some duct & tropospheric DX

Johnnie gave an excellent talk and demonstration including the showing of a UHF - VHF 4 band receiver.



He spoke of the pit falls of UHF design and construction and demonstrated a 420 Mc crystal controlled transmitter.

The meeting was thrown open for discussion at 10:35 PM.

At 10:45 refreshments - doughnuts and Coffee were served by the capable hands of W2WZC and W2ZPW

Respectfully submitted W2YTH



1886 **T. A. McCann Honored**

One of the few Laboratories men to be decorated by the British Government is T. A. McCann, of Maintenance Facilities. Early commissioned from the Laboratories, Mr. McCann eventually became Colonel and chief of the Signal Information Section, SHAEF, where he was responsible for intelligence on military and civil communications in enemy-held territory in anticipation of the European invasion. While abroad he was awarded the Order of the British Empire, and now has received the warrant of an officer's rank in that order.

McCann 230 pgs 49





64

MORRIS RADIO CLUB  
 Wednesday, June 15, 1949 -- 8:00 pm.  
 Red Cross Headquarters, 29 Elm St. Morristown, N.J.

DAL AKERS -- W2FL will talk on  
MODIFICATION OF ARC 5 EQUIPMENT FOR AMATEUR USE.

Dal is an old-timer well known in amateur circles. He has recently started his own company for custom building amateur and industrial electronic equipment.

The Constitution of the MORRIS RADIO CLUB will be presented for a second reading, discussion, and vote. Be on hand with your comments.

Door prize

Refreshments

73.

9 Morristown Daily Record, Tuesday, June 14, 1949

## Morris Radio Club Meeting

Dallas C. Akers of 181 Greenwood avenue, East Orange, will be the guest speaker at the Morris Radio Club meeting to be held tomorrow evening at the Red Cross Chapter House.

Mr. Akers, operator of amateur radio station W2FL, will discuss the modification ARC-5 radio equipment for amateur use. This type of equipment is readily available in war surplus supplies and much of it was manufactured here in Morris County by the Aircraft Radio Corp. of Boonton.

The constitution by-laws of the Club will be presented for final reading and vote. After the constitution is adopted the Club will become officially affiliated with the American Radio Relay League.

The Communication Section of the Morris Radio Club has been actively engaged in the design and construction of mobile equipment. Several club members now have their cars equipped with two-way radio-telephones for service with the Red Cross Disaster Committee.



The meeting was called to order at 8:20 PM by President Tom McCann

The secretary called the roll

Attendance 16

W2AFB W2DAE K2BI K2BO W2GAX W2OYH W2VJA W2WPL  
W2WZC W2YTH W3AUF W2ZWP W2HIE W3FL W2RRL Charles Lundstead

The minutes of the last meeting were read and accepted.

Tom McCann announced that the present meeting is the last formal one before next fall and that two are scheduled for July and August. One at least will be a picnic.

It was announced that W2OYH has "loaned" a National one-ten receiver for club use in television harmonic measurement and test.

It is in the hands of the Technical director (Art Lince (W2DAE).

A communication for the ARRL re the ship Bowdin & its (unreadable) for amateur communications this summer.

Charts for computing inductance of small materials reprinted from the Bell Labs record by J.H. Belher were passed out to the membership present.

Ed Weed (K2BO) made a presentation speech offering the clubs coagulations and a (unreadable) to our president for his citation as O.B.E. Art Fenice presented the president with a scroll giving him (OBE)<sup>2</sup> from the Morris radio Club.

At 8:45 PM Dal Akas spoke on converting ARC 5 equipment for amateur use.

He discussed the conversion of the various models to amateur frequencies and displayed one transmitter converted and one made from two converted units.

At 9:45 the business meeting was resumed.

Tom McCann mentioned that the August meeting would be the last one with the present club officers if no action was taken by then and stressed that it is desirable to have new material for the



club officers to avoid the formation of executive cliques,

It was voted that the secretary shall write a letter expressing the club's appreciation to each visiting speaker and to offer him membership in the club if he so desires.

At 10:00 PM Ed Weed read the constitution. Each article was discussed altered as desired and voted by the membership.

The secretary was instructed to send notice to the membership to determine

1. their intentions with regard attendance.
2. The nights they cannot attend the club if meeting were held on them.

Under the constitution, the charter members of the Morris Radio Club are

W2AFB W2DAE K2BO K2BI W2AQC W3AUF W2ENU W2GAX W2HIE W2OYH  
W2RRL W2OEW W2VJA W2YTH W2YTI W2WPL W2WCL W2WZC W2WCM W2ZWP  
W2FL

The communication Director K2BI (Pent Sumnor) said that he had no intention of hurting the feelings of the membership - that he had been only cracking the whip.

He pointed out that the showing of three mobile units by this meeting was admirable but still not sufficient. He hopes that the membership will keep hitting the ball regarding emergency equipment.

A central control station was discussed briefly.

It was pointed out that a state law covering amateur mobile equipment existed regarding police permission for such equipment.

A committee consisting of Art Lince W2DAE - Chairman Ken Warren W2WZC Bill Lynch W3AUF was appointed to investigate this and to take immediate action to obtain their permits for the interested membership.

The president appointed Henry Bushalter W2RRL to see that the room was cleaned at the close of this meeting. It was also suggested that in the future the person who wins the door prize should be responsible for seeing that the club meeting room and kitchen is left clean on adjournment.



The new refreshment committee W2ZWP (Jim Yroe) and W2WPL (Wilbur Jacke) turned in a superior job of Ice Tea and Ice coffee with cookies and brownies. These latter supplied by Mrs. Yroe were very well received.

Meeting adjourned at 11:30 PM

Respectfully Submitted W2YTH

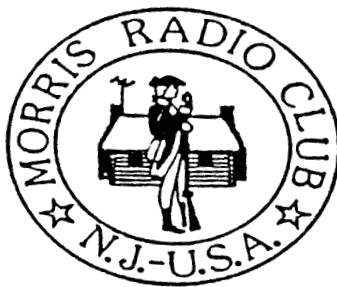


## MORRIS RADIO CLUB

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

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**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

W2QW Hamfest

06/15/2019

**Location:** Piscataway High School (Lots 11-12)  
110 Behmer Road  
Piscataway, NJ 08854

**Website:** <http://www.w2qw.org>

Sussex County Amateur Radio Club

07/14/2019

**Location:** Sussex County Fair Grounds  
37 Plains Road  
Augusta, NJ 07822

**Website:** <http://scarcnj.org>

*(Continued from page 1)*

Maps and MapQuest). If you are coming by Route 287 get off at Exit 39 (Northbound go towards Whippany) or 39A (Southbound) onto Route 10 East. Go to the first light (Quick Check on the corner) and turn right onto South Jefferson Road. Go to the First light at Eden Lane and turn left. The parking lot entrance and the park are on your right. If you have trouble someone will be monitoring the Morris County OEM Repeater 146.895.

We should be starting our setup at 10 AM on Saturday The 22nd and we will be taking everything down starting at 2 PM on Sunday the 23rd. Again this year Craig and Jim will be taking care of the

### Section Manager Message.

If this year is anything like past years we will be having many visitors to our operation so be sure to make them feel welcome and even if you can't take an operating shift be sure to stop by for a visit.