



PEAKS & NULLS



MORRIS RADIO CLUB

Volume X, Issue II

February 20, 2020

MRC MAKES HISTORY

In going through the club correspondence that we received from Ed Weed's estate, I found an interesting letter. After some further research I found that twice in 1953 the club or its members were reported in QST. The first time in April 1953 W2JEP and W2YTH reported what they believed to be the first QSO using transistorized transmitters on both ends. W2JEP was Charles Paul who lived in Jacob Ford Village in Morristown and W2YTH was Tom Winternitz who lived on Jefferson Ave in Morristown. If you were at the January meeting you found out that Tom Winternitz had a lot of secrets and it looks like this is one more. I can't

find any trace of a Jefferson Ave in Morristown.

You can see the Stray from the April 1953 issue of QST on Page 5. Also in April of 1953 the first demonstration of an all transistor amateur station was held at the club meeting on April 1. The letter informing the ARRL is on page 6 and the Stray from the June 1953 issue of QST is on page 7. Because Bell Labs had only started licensing transistor technology to other companies in 1953 I believe that the transistors used came from Western Electric's ultramodern transistor manufacturing plant in Allentown, PA .

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NEW MRC WEB SITE

Noel NO2EL will be unveiling the new MRC Web Site at Monday's

meeting. It looks great. Be sure to check it out.

PUBLIC SERVICE HONOR ROLL

If you look at the Public Service Honor Roll around page 80 every month in QST you'll find our friend Jim KY2D. Of course we have Jim to thank for handling our Field Day

messages from Craig WR2G. You'll also usually find Stu KA2HZP on the PSHR not too far below Jim in the standings. Great work guys.

LET US KNOW

What kind of programs at the monthly meetings are you interested in? Would you like to hear from the ARRL leadership or is there something new in the hobby that you would like to learn more

about. Maybe you would like a club construction project or some kind of a technical course. Let us know what you are interested in and we'll try to come up with something that you will enjoy,



UPCOMING MEETINGS

February 24, 2020 Regular business meeting

(Note: The meeting will be held on the 4th Monday of the month due to the Presidents Day Holiday)

March 16, 2019 Regular business meeting

April 20, 2019 Regular business meeting

May 18, 2019 Regular business meeting

2020 DUES

2020 DUES

Noel NO2EL is now accepting dues payments for 2020. \$15.00 for full membership, \$10.00 for associate. If you have a PayPal account, dues can now be paid by using Pay-Pal.

SELECTED UPCOMING CONTESTS

| | |
|----------------------------------|--------------------------------|
| CQ 160-Meter Contest, SSB | 2200Z, Feb 21 to 2200Z, Feb 23 |
| REF Contest, SSB | 0600Z, Feb 22 to 1800Z, Feb 23 |
| SARL Digital Contest | 1400Z-1700Z, Feb 23 |
| RSGB 80m Club Championship, CW | 2000Z-2130Z, Feb 27 |
| NCCC RTTY Sprint | 0145Z-0215Z, Feb 28 |
| Russian WW MultiMode Contest | 1200Z, Feb 29 to 1159Z, Mar 1 |
| South Carolina QSO Party | 1500Z, Feb 29 to 0159Z, Mar 1 |
| NA Collegiate Championship, RTTY | 1800Z, Feb 29 to 0559Z, Mar 1 |
| North American QSO Party, RTTY | 1800Z, Feb 29 to 0559Z, Mar 1 |
| North Carolina QSO Party | 1500Z, Mar 1 to 0059Z, Mar 2 |
| AGCW YL-CW Party | 1900Z-2100Z, Mar 3 |
| ARRL Inter. DX Contest, SSB | 0000Z, Mar 7 to 2400Z, Mar 8 |
| Novice Rig Roundup | 0000Z, Mar 7 to 2359Z, Mar 15 |
| Open Ukraine RTTY Championship | 1800Z, Mar 7 to 1359Z, Mar 8 |



PREDICTED SUNSPOT NUMBER AND RADIO FLUX FOR MARCH 2020

*****SUNSPOT NUMBER*****

PREDICTED HIGH LOW

2.5 11.5 0.0

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

PREDICTED HIGH LOW

63.0 71.0 60.0

JANUARY MEETING MINUTES

Morris Radio Club – Meeting Minutes

January 27, 2020

Attendees (13) K2EMJ, KA2HZP, KB2GGK, KC2KNT, KC2MFL, KY2D, N1NMD, N2XZZ, NO2EL, W2GM, WA2VQF, WS2Q AND ONE VISITOR WA2YTI

A quorum was present.

Opening of Meeting

President Ed opened the meeting at 7:33 PM

Reports:

Secretary – Bill WA2VQF reported that the November Minutes were issued in the December Peaks and Nulls Newsletter. There was no December meeting so no minutes were published. There were no corrections received.

Ray KC2KNT moved that the Secretary report be accepted. Irma KC2MFL Seconded. The Secretary report was accepted.

Noel NO2EL presented the treasurers report for January.

Treasurer – Noel NO2EL reported that the January account balances. The actual numbers are available from Noel.

Ray KC2KNT moved that the Treasurers report be accepted. Irma KC2MFL Seconded. The Treasurers report was accepted.

Old Business

Ed reported on the good time at the Holiday Get-Together

New Business:

Ed reported on the Hudson Division Cabinet meeting that was held on line. The Director mostly talked about the new On the Air Magazine that the ARRL has started.

A discussion was held on the changes at the ARRL.

Noel is changing his email and then the officers will be able to access the school scheduling program to be able to schedule the room.

Noel showed the form used for the WANJ award and a example of the certificate.

Ray KC2KNT moved that the meeting be closed. Irma KC2MFL Seconded.

President Ed closed the business portion of the meeting at 7:57 PM.

After the meeting Carl WA2YCI joined the club.

After the meeting Bill WA2VQF presented a program on the Charter members of the club from 1949 along with some club history.

WA2VQF
MRC Secretary

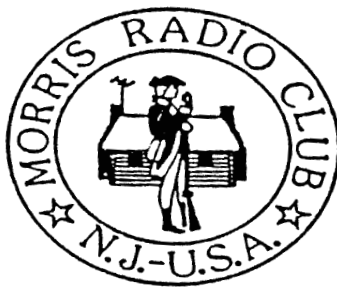


MORRIS RADIO CLUB

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

E-mail: morrisradioclub@gmail.com

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

New Providence Amateur Radio Club Auction
02/22/2020

Location: New Providence High School
35 Pioneer Drive
New Providence, NJ 07974
Website: <http://www.nparc.org/>

Long Island Hamfest and Electronics Fair
02/23/2020

Location: Levittown Hall
201 Levittown Parkway
Hicksville, NY 11801
Website: <http://www.limarc.org>

Strays

What is believed to be the first transistor-to-transistor communication by amateurs was held on February 13, 1953. The contact was between W2JEP and W2YTH at a distance of half a mile.

Two single-stage transistor transmitters were operated c.w. on 40 meters with a power input of 60 milliwatts. The signal reports were R5 and S8/9 and would probably have been readable much farther. The oscillator at W2YTH was crystal-stabilized and showed better frequency stability than the one used by W2JEP which had no crystal.

We believe that this contact is a "first" in amateur communications on any band and if this is disproved we limit the claim to the 40-meter band. Are there any challengers?

— W2JEP and W2YTH

From QST April 1953

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April 2, 1953

MR. A. E. BUDLONG, Editor QST
American Radio Relay League
38 LaSalle Road
West Hartford, Connecticut

Dear Sir:

What is believed to be the first all transistor amateur station was demonstrated at the April 1, 1953 meeting of the Morris Radio Club. The station operating on ten meter phone consisted of a two transistor amplitude modulated crystal controlled transmitter and a two transistor superregenerative receiver. Contacts were established between this station and mobile units of the club within a radius of half a mile. Credit for the receiver goes to W2ZKE. Participants were K2AQM, W2GFE, W2GNE, W2NOH, W2YCX, W2YTH, and W22KE.

Sincerely yours,

H. D. HURLBUT, Jr., W2GNE, President
Morris Radio Club

C O P Y
BELL TELEPHONE LABORATORIES, INC.

What is believed to be the first all-transistor amateur station was demonstrated at the April 1st meeting of the Morris Radio Club. Operating on ten-meter 'phone, the station consisted of a two-transistor a.m. crystal-controlled transmitter and a two-transistor superregenerative receiver. Contacts were established between this station and mobile units of the club within a radius of half a mile. Credit for the receiver goes to W2ZKE; other participants were K2AQM, W2GFE, W2GNE, W2NOH, W2YCX, W2YTH and W2ZKE. — W2GNE

— . . . —

From QST June 1953
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