



The Newsletter from the Larkfield Amateur Radio Club

Volume XX Issue 8  
Editor: Thomas Price KC2PSC

October 2019

## October 10, 2019 Board Meeting Minutes

- Call to order: 19:24
- Discussion of upcoming elections for officer and director positions.
- President's Report: (VP report): none
- Treasurer's Report: none
- Publications, Social Media: none
- Old Business:
  - Holiday Party RSVP cards for 2019 party – incorporated into October QSX, to repeat in November QSX.  
Responses to date: 0.
  - Financial Practices guidelines - tabled
- New Business:
  - Huntington Hospital – status of radio equipment discussed. Second floor conference room location in working order on 2M. HF antenna not operational. New, 80M off-center fed dipole setup ready for installation of an antenna. Basement radio location not operational, possibly due to coax runs. We will continue to assist in bringing up the station.  
Adjourn: 19:36

# October 10, 2019 General Meeting Minutes

- Pledge
  - Introductions (8 members in attendance)
  - President's Report – (VP report) – time to step up for 2020 officers and directors positions
  - Treasurer's Report: none
  - Secretary's Report: none
  - Repeater Report: the repeater is working well. All are strongly encouraged to use it!
  - Membership: 45 members. It's time to renew your membership. The easiest way is to go to [www.Larkfield.org](http://www.Larkfield.org) and hit the PayPal link for membership renewal.
  - VE Sessions: Latest held on 10/12 and 12/14. Thanks to our VE team.
- Night Timers:
  - Social Media / Yahoo Group / Website Report
  - Publications / QSX
  - RACES / Public Information
  - Announcements
  - Old Business
    - None.
  - New Business
    - Holiday Party RSVP cards for 2019 party – incorporated into October QSX, to repeat in November QSX. Responses to date: 0.
    - Financial Practices guidelines.
  - Presentation
- Adjourn: 20:03

## Museum Radios

By Bob Myers, K2TV



The Great South Bay Amateur Radio Club recently obtained three antique pieces of early 1920's radio equipment which is being donated to The Babylon Village Historical Society Museum.

Figure 1 is an early crystal radio with a tube amplifier built into the cabinet. The galena crystal on the front of the cabinet is adjusted using what is called a "cat's whisker" that acts like a detector to detect radio signals. A set of headphones was plugged into the radio to hear the transmission.



Figure 1

Figures 2 and 3 show a 1921 Westinghouse RC (RA-DA) three tube regenerative receiver manufactured by the Westinghouse Electric and Manufacturing Company of East Pittsburgh, Pennsylvania. This unit was also sold under the Radiola name and was one of the first commercially produced radios.

Figures 2 & 3 (below)



The radio receiver is a two-section receiver housed in a single wood enclosure. The section on the left is the "RA" unit and functions as the tuner of the radio. It contains a variometer for tuning in the radio stations and the tickler variometer for controlling the regenerative feedback. The section on the right is the "DA" unit and functions as the detector amplifier. It contains the three tubes - one type UV-200 for the detector and two types UV-201-A for the first and second audio amplifiers. The combined RA-DA receiver is known as an "RC" receiver. A separate accessory known as an "RT" (not shown) was available to increase the selectivity of the receiver. The RT unit is a variometer similar to the RA unit and will help pull in distant radio stations in the presence of local stronger radio stations. There is a little door on top of the DA unit that opens to provide access to the three vacuum tubes.

On a metal plate on the the right side of the cabinet it says the following: "Westinghouse Detector Amplifier Type DA, Style 307190, Licensed for Amateur and Experimental Use Only, Serial 140878." On on a metal plate on the left of the cabinet it says "Westinghouse Receiving Tuner Type RA, Wave Length 180-700 Meters, Style 307189.

Figure 4 is a Western Electric 7A amplifier for those who wanted to hear the radios through a speaker. The speaker would be a horn type speaker (Figure 5) and would allow the radio signals to be heard by everyone in the room.



Figures 4 & 5

All these units were battery-powered and were quite costly to use as the batteries were very expensive.

It is important to note that limited radio broadcasting started around 1921/1922 by some amateur radio operators as there were no formal rules against playing music at that time. These units were made for experimental and amateur radio communications use but also bought by those who wished to hear the early radio broadcasts. Most of these early broadcasts were done by amateur radio operators who would play phonograph records on their stations for the entertainment of listeners. It was not illegal at the time for amateur radio operators to broadcast music and other programs. Many of these stations would later become full-time commercial broadcast stations. 📻



# Larkfield Amateur Radio Club Holiday Party

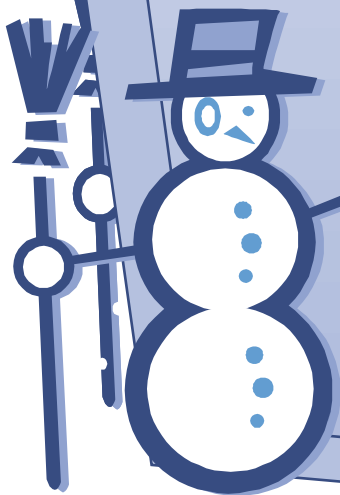
**December 12<sup>th</sup>, 2019**

7:30 PM  
Huntington Senior Center  
423 Park Avenue, Huntington

**Join us for an evening of food, family and friendship,  
all with a bit of amateur radio mixed in.**

**A donation of \$5.00 per guest is requested to help  
fund this event.**

*Please RSVP to [KC2TAF@ARRL.NET](mailto:KC2TAF@ARRL.NET) with your name, call sign, and if you will be able to join us, and let us know how many guests will be joining you. Your prompt reply will enable us to order an appropriate amount of food and drink.*



November Club Meeting  
November 14, 2019  
7:30 PM  
Huntington Senior Citizen Center

Club Officer Elections will be  
occurring at this meeting.

## **Groups IO**

Please join the Clubs Yahoo group. Not a member already send an e-mail to the following address:

**[larkfieldarc+subscribe@groups.io](mailto:larkfieldarc+subscribe@groups.io)**

**Join our facebook group**

**<http://www.facebook.com/Larkfieldarc>**

## **ARES/RACES NETS**

Sunday 0900 New York State RACES 3993.5 LSB

Monday 1900 Huntington – 147.210

Monday 1930 Smithtown – 145.430

Monday 2000 Nassau County ARES RACES – 443.525

Monday 2015 Babylon – 146.685

Monday 2030 Brookhaven – 145.210

Monday 2030 Islip – 147.345

Monday 2100 Suffolk County RACES – 145.330

## **Huntington RACES**

**<http://www.huntingtonnyaresraces.org>**

**The Larkfield Amateur Radio Club**

Affiliated with American Radio Relay League

Officers (one year terms)

President

Vice President Neil Harris KC2TAF (2019)

Secretary:

Treasurer: Rich Florio W2TMA (2019)

**General Directors (two year terms)**

Donald Clarke AB2BN (2019-2020)

Art Van Nostrand KD2NJM(2019-2020)

Matt Lazarus N2RBP(2019-2020)

Peter Deluca AA2VG(2019)

Roger Rapp W2GLE (2019)

**WA2PNU Station Trustee Jonathan Schwartz KC2PBE**

**WR2ABA Station Trustee Jonathan Schwartz KC2PBE**

**W2LRC Station Trustee Jonathan Schwartz KC2PBE**

Members of the Larkfield Amateur Radio Club are invited to use the

**W2RGM Dix Hills Repeater System:**

2 meters

147.075 MHz out/147.675 MHz in

4z/136.5 Hz PL

70 centimeters

448.500 MHz out/ 443.500 in

2a/114.8 Hz PL

**THE LARKFIELD AMATEUR RADIO CLUB OPERATES:**

**WR2ABA HUNTINGTON REPEATER**

2 meters

147.210 MHz out/147.810 MHz in

4z/136.5 Hz PL

**W2LRC HAUPPAUGE REPEATER**

2 meters

145.430 MHz out/144.830 MHz in

4z/136.5 Hz PL

**W2LRC HUNTINGTON APRS**

2 meters

144.390 MHz In/Out

**USA EASTNET FLEXNET NETWORK**

2 meters

WA2PNU (0-15) Nodes 145.070 MHz

WA2PNU (-4) Node 145.070 MHz (BBS)

**The Larkfield Amateur Radio Club wishes to thank Bruno KC2ESI, Jack K2JX, Joe N2QPD, Bob AC2AZ, Thomas KC2PSC, and Pat WB2CMF for their dedication and efforts in maintaining the Club's repeaters and our packet and APRS stations. Their collective efforts and donations of equipment along with the overview of Bob AC2AZ and Peter AA2VG have kept us "on the air". Still to go, another 440 MHz repeater and adding IRLP or Echolink to one of our repeaters. We need volunteers for this new work.**

**General Meetings 7:30 PM**

November 14, 2019 December 12, 2019

**Board Meetings 7:00 PM**

November 14, 2019 December 12, 2019

**GOOD AND WELFARE**

**Attention members:** Our Good and Welfare Chairperson is Helene Lazarus (XYL of Arnie N2PLS). Please inform her (499-2837) of news about club members so she may make submissions to this publication.

Howard Stern, KC2OJO, had his sister in law passed away after being hospitalized for a while. Thomas Price, KC2PSC, uncle passed away unexpectedly.

**2014 DUES SCHEDULE**

**Regular Membership: \$35.00**

**Members Age 65 or older: \$25.00**

**Members Age 17 or less: \$25.00**

**Disabled Members: \$25.00**

**Living Outside Club's Operating Sphere: \$15.00**

**Add \$10.00 if you want QSX via U.S. Mail**

**Make your check payable to: LARC**

**And Mail to:**

**Larkfield Amateur Radio Club Inc.**

**PO Box 1450**

**Huntington, NY 11743**

**VE SESSION SATURDAY December 14th  
HUNTINGTON TOWN HALL  
100 MAIN ST., ROOM 114  
WALK-Ins WELCOME**

Team Liaison is Rich W2TMA. Fee is \$15. All elements will be offered and exams start at 9:00AM. You must have 2 forms of ID, one of which includes a photo. If upgrading, bring an original and a copy of your license and an original of any CSCEs.

**The next Executive Board and General meetings will be on Thursday, November 14th at 7:00PM and 7:30PM, respectively.**

**You can submit articles or photos for publication by e-mail at:  
larkfieldqsx@gmail.com**

**Larkfield Amateur Radio Club, Inc.  
Post Office Box 1450  
Huntington, NY 11743**