



[www.limarc.org](http://www.limarc.org)

**November 2018**

**Volume LIII No. 10**

**Next meeting to be held:  
Wednesday, Nov. 14, 2018  
8:00pm Levittown Hall**

**Coffee and Cake - 7:15**  
**MAIN TOPIC**  
**Completion of Nominating Process**  
**Followed by**  
**Hands On Construction of a Crystal Radio**  
**Craig— KD2CKX**

**Save The Dates!!**

**Election / Holiday Party - Levittown Hall - Dec. 12th**

**HRU - LIU C. W. Post Campus—Jan. 5, 2019**



### Thanksgiving Greetings!

This is the month in which we celebrate the holiday of Thanksgiving, the celebration of the survival of the Pilgrims achieved in large part by the cooperation of the Native Americans who taught the Pilgrims how to survive the harsh New England winters. The analogy to amateur radio should not be taken lightly.

In so many disasters around the world, amateur radio has served to provide communications where nothing else was even available. There have been earthquakes in remote areas of the world where the only information available was a ham radio operator using cw. The recent hurricanes and earthquakes, and our remembrances of “Tropical Storm” Sandy, all remind us of the value of amateur radio.

We know that it a difficult task to get the younger generation involved in ham radio when there are so many other “interesting” things to do. It is up to us to do everything that we can to get people interested by our words and our actions. We ae thankful for what the hobby has done for us, and we need to know that future generation will “survive” the harsh events that mother nature throws at us. Somehow an emergency message sent as “OMG! #hurricane#help” leaves much to be desired.

Have a happy and safe Thanksgiving holiday!

Richie Cetron, K2KNB  
President

## LIMARC Board Meeting Minutes - Draft Version

October 3, 2018

**Officers present:** President - Richie K2KNB, Vice President – Craig KD2CXX, Secretary – Ken WB2KWC, Treasurer – Jerry WB2ZEX

**Directors present:** Martin W1EMR, Ken KD2GXL, George WB2IKT, Bob W2OSR, Lew N2RQ

**Guests present:** Jim W2KFB, Steve WB2KDG, Gary W2MIT, Bill KC2SYL, Tom NO3NO

The meeting began at 7:32pm with the board voting to accept the draft minutes of the September board meeting.

**NLI Section:** Jim W2KFB told us that the FCC realized that there is a monitoring problem. They are replacing the Official Observers (OOs) with anonymous Volunteer Monitors (VMs). If existing OOs wish to become VMs they must apply and be vetted. This program should be in place by the end of the year.

**President:** Richie K2KNB said that he has been speaking to the FCC about our Greensky project and about how it can be used to pinpoint the source of a signal on a wide range of frequencies. We have submitted our 2019 general membership meeting requests to the Town of Hempstead for the use Levittown Hall. Our request is for the second Wednesday of each month except for October because of the Yom Kippur holiday. The October 2019 general membership meeting will be the third Wednesday of the month (October 16). We have requested Levittown Hall for the last Sunday of February or the first Sunday of March depending on availability of the hall for our Hamfest. We have also applied for use of Levittown Hall the second Saturday of odd months in 2019 for our VE tests (we have not yet added the extended time for station operation).

**Long Island Motor Parkway:** The celebration of the 110<sup>th</sup> anniversary of the Long Island Motor Parkway will be this Sunday, October 7. Phil N2MUN will be on the air Friday from 10 AM to 5 PM using the special event call W2V. Rick K2RB and Ken WB2KWC will be following the parade of antique cars making QSOs on 20 and 40 meters using the call WV2LI. Jerry WB2ZEX will be at the end of the motorcade, you can follow him on APRS by looking for the calls W2V-5 and WB2ZEX-9. John KD2AKX will be operating from the ARES trailer at Ronkonkoma using the call W2V.

**Elections:** Richie K2KNB told us that nominations are now open for President, Vice President, Secretary, Treasurer and 4 director positions. Between now and the end of the November 7 board meeting, you may nominate yourself for any of these positions. After the November 7 board meeting, you can be nominated from the floor at the November 14 general membership meeting. All nominees must be members in good standing of LIMARC and at least 18 years old.

**Education:** Richie K2KNB mentioned that we have neglected our education programs. We used to have Tech classes two times each year with General and Extra classes at least once per year. Joe W2BMP created excellent online programs for these classes but unfortunately everyone said "let Joe do it" and when

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Joe could not do it we simply did not have any classes. We are trying to get students involved in ham radio by letting guidance counselors know of ham related events and scholarships.

**Publicity:** The board discussed methods of attracting new members as well as attracting new or returning people to the hobby of ham radio. Craig KD2CXX will be working on our Facebook page (Long Island Mobile Amateur Radio Club, Inc.).

**LIMARC Reflector:** The board discussed whether or not the LIMARC reflector (LIMARC@groups.io) should be restricted to LIMARC members or if it should be opened to non-members. The board decided to postpone the vote on this topic. If you have an opinion on this please email the board ([limarc@limarc.org](mailto:limarc@limarc.org)). In either case to prevent spam the board will remain moderated (all posts must be approved by a moderator before they appear on the reflector). All posts need to be signed with either a real name or your call.

**Good and Welfare:** Tom NO3NO's dad passed away 2 weeks ago.

**Section Manager's report:** Jim W2KFV reminded us that ballots for ARRL Hudson Division Director have been mailed out. When you receive your ballot please complete it and mail it back to the League.

**School Club Roundup:** Lew N2RQ reminded us that the next session of the School Club Roundup will be October 15-19. LIMARC is the sponsoring club of SCR so hopefully we can get good club participation and maybe some intra-club competition.

**JOTA:** Bob W2OSR told us that he will be working JOTA from Kellenberg High School on Saturday October 20. The entire JOTA period is Friday October 19 through Sunday October 21.

**Vice President:** Craig KD2CKX told us that the program for the October General Membership Meeting will be Smart Homes. Mike N2YBB, the incumbent Hudson Division Director, will be telling the club why we should vote for him. The program for the November meeting will be hands on construction of a crystal radio. Craig is investigating grants to support our public service activities.

**Treasurer:** Jerry WB2ZEX reported \$10,013.74 in the checking account, \$843.52 in PayPal, \$2,101.40 in the memorial funds for a total of \$12,958.66. Jerry distributed the proposed 2019 budget and after some discussion it was approved unanimously.

**Membership:** Jerry WB2ZEX said that we have 372 members, he has printed up new membership cards. Jerry distributed the list of honorary and complimentary members. The complimentary members were approved by the board.

**Field Day:** Field Day meetings will resume in January 2019.

**Bylaws:** Gary W2MIT said that there are 10 proposed bylaws changes awaiting membership approval. What is delaying the voting is lack of a quorum at General Membership Meetings. Gary is investigating a way to reduce the number of members required for a quorum; one possible method is to create a non-voting class of membership. Gary has spoken to the ARRL about proxy voting. The laws relating to proxy voting are part of the laws relating to not for profit organizations in the state the organization is incorporated in.

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**Public Service:** Ken KD2GXL reported that the Ocean to Sound Relay support went very well. The American Cancer Society walk will be October 21, we are still looking for volunteers.

**Hudson Division Luncheon:** The Hudson Division Luncheon will be on November 3. The cost is \$37 per person, we can get a discount of we can fill a table of 10 people.

**Votes/Actions:**

1 – Jerry WB2ZEX distributed the proposed 2019 budget and after some discussion it was approved unanimously.

2 – Complimentary Members were approved for 2019.

Respectfully submitted;  
Ken Gunther WB2KWC  
LIMARC Secretary

**OCTOBER 28<sup>TH</sup> HAMFEST**

We had a nice turnout for the hamfest on October 28th. All told we had over 350 people in attendance.

Thanks to all who attended and those that helped provide security, setup and take-down. Special thanks to our vendors who are so loyal to us.

**Our Volunteers**

- |                |             |            |              |
|----------------|-------------|------------|--------------|
| Don WB2BEZ     | Jeff N2ION  | Joe N2IMF  | Larry KC2AED |
| Ken KD2GXL     | Greg N2ASS  | Neil W2NDG | Craig KD2CXK |
| Tony N2ICD     | Dave KD2BTM | Bob W2OSR  | Jerry WB2ZEX |
| John KD2AKX    | Ken WB2KWC  | Lou NY2H   | Lew N2RQ     |
| Stephen WB2KDG | Les K2TGW   | John W2GW  | Jim W2KFV    |
| Howard WF2Q    | Ed KC2E     | Rick K2RB  | Andy WA2CDL  |



## LIMARC General Meeting Minutes

October 10, 2018

The meeting started with the Pledge of Allegiance at 7:32pm.

**Bylaws:** President Richie K2KNB said that LIMARC is having problems getting things done because we cannot get a quorum at our meetings. When we had an antenna failure, W2VL would have remained off the air for an extended period of time until we could get a membership quorum to authorize the expense (the board cannot authorize expenses over \$1,000.00). Fortunately Steve WB2WAK had an identical antenna to lend us so we could wait for the insurance payment.

Gary W2MIT introduced a bylaws modification to allow the board to authorize expenses of up to \$2,500.00 if necessary to restore repeater operation in the case of an outage. Once a quorum was confirmed the membership approved this change. The change must be approved at one more membership meeting before it becomes part of the bylaws.

The second bylaws change changed the way votes are counted from a majority of those in attendance to a majority of the votes cast, this would allow abstentions to not be included in the vote count rather than count as a no vote. This change was approved with one abstention.

The third change altered the wording of other votes to require two thirds of the votes cast rather than two thirds of members in attendance. These included membership revocation, appeal of a board decision, and impeachment of officers. A change to reduce the number of days required to notify the membership of a proposed change from 10 to 7 days, this would allow changes originating at a board meeting to be voted on at the following general membership meeting. This change also altered the wording for the election of officers requiring a plurality rather than a majority. These changes were approved unanimously.

**Elections:** Richie K2KNB reminded the membership that all officer positions plus four director positions would be voted upon at the upcoming election. To run for these positions you must be at least 18 years old and be a member in good standing of LIMARC for at least one year at the time you take office. You may nominate yourself for any of these positions between now and the end of the November 7 LIMARC board meeting. After that you must be nominated by someone else at the November 14 general membership meeting.

**Treasurer:** Jerry WB2ZEX said that we had \$9891.09 in the checking account \$870.60 in the PayPal account and \$2102.32 in the Memorial funds for a total of \$12,864.01.

**Membership:** Jerry WB2ZEX said that we have 373 members for 2018.

**Ham Radio University:** George N2GA said that HRU will be on Saturday, January 5, 2019 at the LIU C.W. Post campus.

**Long Island Motor Parkway 110<sup>th</sup> Anniversary:** This was a very nice event; Rick K2RB and Ken WB2KWC operated mobile in the motorcade, Jerry WB2ZEX followed the motorcade using APRS, John KD2AKX, Paul WS2N, and Richie K2KNB operated from the ARES trailer.

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**Hudson Division Director:** Mike N2YBB said that the FCC is considering reducing the number of amateur radio license classes from 5 to 3 with more privileges for each class including additional HF privileges for Technicians. Digital modes are very popular with younger hams. The ARRL has hired consultants for a web site redesign to include educational content such as license classes and forums for STEM teachers to share content. The ARRL plans to create an inventory of resources, including who, where and the type of training. This has already been implemented in the ENY section. The OO program will be changing dramatically at the request of the FCC. The FCC has been told to cut budget and staff so they will be using Volunteer Monitors which is what OOs will evolve to. The Volunteer Monitors must be nominated by the Section Manager and vetted by the FCC. The VMs will be assigned where the FCC needs help and need to be regularly renewed.

**ARES:** John KD2AKX said that the planning meeting for the American Cancer Society walk will be tomorrow night (October 11, 2018) at 7:30pm at the Red Cross building. 65,000 to 85,000 walkers are expected to show up at Jones Beach for this event.

**Smarthomes:** Craig KD2CXK gave a presentation on smart homes showing how energy efficient they are and how to control them with computers.

The meeting ended at 9:59pm.

Respectfully submitted;  
Ken Gunther WB2KWC  
LIMARC Secretary

## **MOTOR PARKWAY ANNIVERSARY— OCTOBER 4-7 2018**

Our special events station, W2V, was interesting and fun for those of us who participated.

Great having the opportunity to see those cars up close.

Thanks to John, KD2AKX; Jeff, N2ION; Rick, K2RB; Ken, WB2KWC; Paul, WS2N; Richie, K2KNB; and Jerry, WB2ZEX. Ed, K2EPM, coincidentally, was one of the participants in the parade.

Pictures of the event are on Page 8 and were supplied by Richie, K2KNB.

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5/2/18

PROPOSED AMENDMENTS TO THE LIMARC BYLAWS

ARTICLE XIII – FINANCES

ORIGINAL:

- 4. All other expenditures of the club not specifically included in 3 above, up to and including \$1000.00, must have the approval of the executive board.
- 7. Any expenditure in excess of \$1,000.00 must be submitted by the executive board to the club membership for approval by the majority present and eligible to vote at a regular or special meeting. Any affirmative vote authorizes an officer, as noted in 5 above, to issue a voucher for the expenditure.

PROPOSED:

- 4. All other expenditures of the club not specifically included in 3 above must have the approval of the executive board.
- 7. Any expenditure in excess of \$1,000.00 must be submitted by the executive board to the club membership for approval at a regular or special meeting. However, in the event of a repeater outage, the board is authorized to spend up to \$2,500 toward its repair. Any affirmative vote authorizes an officer, as noted in 5 above, to issue a voucher for the expenditure.

ARTICLE V — MEETINGS

NO CHANGE (JUST A REMINDER ABOUT HOW VOTING ELIGIBILITY IS DEFINED):

- 7. Ten percent of the total membership eligible to vote shall constitute a quorum at all regular, special, and annual meetings of the club. All Active and Family members, in good standing, whose date of membership predates the meeting by ten or more days, shall be considered eligible to vote.

ARTICLE XI — METHOD OF VOTING

ORIGINAL:

- 1. The business of the club shall be transacted by a hand vote except for the elections of officers and directors, which shall be by closed ballot.
- 2. Unless specifically provided for in these bylaws, upon establishment of a quorum, a simple majority vote of eligible members present shall be deemed sufficient to transact all club business.

PROPOSED:

- 2. Unless specifically provided for in these bylaws, upon establishment of a quorum, a simple majority vote shall be deemed sufficient to transact all club business. Where a majority vote or a two-thirds vote is called for, it means a majority or two-thirds of the votes cast, ignoring blanks and abstentions.

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**ARTICLE III — MEMBERSHIP**

**ORIGINAL:**

- 4c. In a matter pending revocation of membership, a member shall be advised to present a defense at a general or special meeting. A two-thirds vote of members in attendance shall be necessary to revoke membership.

**PROPOSED:**

- 4c. In a matter pending revocation of membership, a member shall be advised to present a defense at a general or special meeting. A two-thirds vote shall be necessary to revoke membership.

**ARTICLE VI — GOVERNING BODY**

**ORIGINAL:**

- 3. Except as herein specifically provided, the decisions of the executive board shall be deemed final. They are subject to an appeal to the club in the form of a motion to appeal by a member or members. Two thirds of the members present and eligible to vote shall be necessary to reverse the executive board's decision.

**PROPOSED:**

- 3. Except as specifically provided herein, the decisions of the executive board shall be deemed final. However, they are subject to an appeal by the general membership. A two-thirds vote shall be necessary to reverse the executive board's decision.

**ARTICLE VII — ELECTION OF OFFICERS AND DIRECTORS**

**ORIGINAL:**

- 4. A majority vote of eligible members present and voting shall determine the election of officers.

**PROPOSED:**

- 4. A plurality vote shall be sufficient to determine the election of officers.

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**ARTICLE X — IMPEACHMENT OF OFFICERS AND DIRECTORS**

**ORIGINAL:**

1. Any officer or director of this club may be removed from office for failure to satisfactorily perform the duties of his/her office, by a two-thirds vote of the membership present and eligible to vote at a special meeting called for this specific purpose. Meetings for this purpose shall be called pursuant to sections 3, 4, and 5 of Article V of these bylaws.

Initiation of impeachment proceedings may be accomplished at any regular or special meeting by consent of ten percent of the members present and eligible to vote, a quorum being present.

2. The actual impeachment proceedings may not be acted upon earlier than thirty days nor later than sixty days after initiation of due consideration of the charges by a special committee appointed by the executive committee, consisting of three or more members, none of whom are currently holding elective or appointive office in the club.

**PROPOSED:**

1. Any officer or director of this club may be removed from office for failure to satisfactorily perform the duties of his/her office by a two-thirds vote at a special meeting called for this specific purpose. Initiation of impeachment proceedings may be accomplished at any regular or special meeting.
2. The actual impeachment proceedings may not be acted upon earlier than thirty days nor later than sixty days after initiation of due consideration of the charges by a special committee appointed by the executive board, consisting of three or more members, none of whom are currently holding elective or appointive office in the club.

ARTICLE XVI — AMENDMENTS TO THE BYLAWS

**ORIGINAL:**

1. Any proposed amendment to these bylaws must be submitted by a member in good standing along with 10 additional petitioners who are also members in good standing. This request must be in writing to the executive board which will instruct the secretary to notify the membership in writing of such proposed amendment at least ten days prior to the meeting at which the first vote is to take place.
2. These bylaws may be amended only after approval by a majority vote of the members present and eligible to vote, a quorum being present, at two successive regular or special general meetings.

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**PROPOSED:**

1. Any proposed amendment to these bylaws must be submitted by a member in good standing along with 10 additional petitioners who are also members in good standing. This request must be in writing to the executive board which will instruct the secretary to notify the membership in writing of such proposed amendment at least 7 days prior to the meeting at which the first vote is to take place.
2. These bylaws may be amended only after approval by a majority vote at two successive regular or special general meetings.

**NOMINATIONS FOR 2019 BOARD**

The nominations period begins with the Board Meeting on October 3<sup>rd</sup>, 2018. All officers, President, Vice-President, Secretary and Treasurer, are open for election as well as the normal 3 Directors..

This year, due to the resignation of Neil Goldstein, W2NDG, who has moved out of the area, we will have a vacancy for a 4<sup>th</sup> Director. The 4<sup>th</sup> highest vote getter will fill the remaining year of Neil's term.

Initially you can self-nominate by simply filling out the nomination form. This process ends at the conclusion of the Board meeting on November 7<sup>th</sup>. Nominations can still be accepted at the General meeting on November 14<sup>th</sup>, but must be nominated from the floor.

The election will take place at our holiday party on December 12<sup>th</sup>.

You can use the link below to submit your nomination form.

<http://spiceforms.com/app/public/forms/view?id=1395>

***Remembering Jerry Zeller/W2SCW******(An article about Jerry Zeller W2SCW from the BEARS Newsletter )******If you're a frequent user of our expansive repeater system, you've no doubt noticed a distinctive voice missing from our system.******Jerry Zeller/W2SCW, famous for his warm and ebullient on-air persona as "Jerry at the Mic," passed away from illness at the end of August. He had been a licensed ham radio operator for well over a half-century.******Jerry was one of our most devoted Club members, a gentle soul with a deep and abiding love for ABC, our hobby and BEARS. He was one of our founding members, and a man who literally lived radio history while an engineer for WABC Radio as it grew into a Top 40 music powerhouse.******How great a industry legend was Jerry? He was the engineer behind the controls of Cousin Brucie Morrow's interview with the Beatles when they arrived in NYC. Jerry even got his own profile, courtesy of Scott Benjamin, on the WABC Musicradio77 tribute website...a profile so amazing, we're reprinting it here:******Engineer Jerry Zeller, who arrived at WABC shortly before it became a Top 40 radio station, was operating a reel-to-reel tape recorder as a mob of reporters, photographers and cameramen covered the hysteria over the Beatles arrival in the United States.******"Don't lose a word," legendary WABC Program Director Rick Sklar instructed Jerry as the Fab Four held a February 1964 news conference during their whirlwind tour of America that included the famed performances on "The Ed Sullivan Show" as their adoring fans screamed through the studio theater.******However, as the news conference wore on, Jerry's first tape was about to expire.******"I told them to hold on a minute while I change tapes and everyone just sat there for 40 seconds," Jerry said with a laugh during an Aug. 11, 2007 phone interview with Musicradio77.com.******"I had a good time with the Beatles," he said regarding his interaction with the group in New York City hotels where WABC did remote broadcasts.******He even took some 8 millimeter film of the events, which included interviews of the Beatles by evening air personality Cousin Brucie.******"I even asked them, 'Don't you ever get a hair cut?' " Jerry recalled regarding his experiences with the Beatles. "They laughed."******Some observers joked at that time about the Beatles' mop top hair-dos. However, they became a part of American culture.***

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***Jerry, who grew up in the Bronx, briefly attended Hunter College in Manhattan before enrolling at the RCA Institute and acquiring his first class radio-telephone operator's license.***

***"I like electronics," said Jerry, who has been a ham radio operator for 50 years.***

***His first position was at WNRC in New Rochelle, N.Y. About three years later he was hired at WABC, shortly before the "Swingin' Seven at 77" air personalities were assembled as the station moved to Top 40 music.***

***Jerry said that evening air personality Scott Muni was a funny guy.***

***He also was a perfectionist."***



***He said that morning drive -time air personality Herb Oscar Anderson was "a gentleman. He had a golden voice."***

***Jerry, who has worked full-time and in more recent years on a free-lance basis for ABC Television, said that Herb's son, John, recently mentioned that he and his father had worked together at WABC after Jerry and John met on the set on the ABC soap opera "All My Children."***

***John Anderson, an actor, appeared some years ago in the long-running ABC primetime series "Dynasty."***

***Jerry said that by the mid-1960s, Musicradio77 WABC had an "A-team" of engineers that included himself, Rutgers University graduate Richard Silverberg and Win Lloyd, who later became the station's chief engineer.***

***Jerry, who regularly wore a green eye shade to shield him from the fluorescent lights, said he often was assigned to work with new air personalities - such as Ron Lundy and Chuck Leonard, who both arrived in September 1965.***

***The WABC studio had the air personality and the engineer in the same room, just four feet apart, unlike the arrangement at many stations where the engineer was placed behind a soundproof glass 25 feet away.***

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***"The engineer was part of the show," Jerry recalled.***

***Jerry said this led to some lively exchanges, for example with renowned Musicradio77WABC afternoon drive time air personality Dan Ingram.***

***"He would say on the air that he would give me \$100 to shave my head." he said.***

***Jerry even sang Tony Bennett's "I Left My Heart In San Francisco" on the air one day.***

***He also engineered some of the remote broadcasts that Cousin Bruce did from Palisades Park and from Freedomland.***

***"Everybody seemed to get along," Jerry said of the friendly interaction around the station. "There were a lot of parties and we would go out on a cruise on the boat that the station had."***

***He worked on and off over 20 years with famed sportscaster Howard Cosell, who continued his local sports commentaries on Musicradio77 WABC and the American Contemporary Network long after he became a fixture on ABC Television's "Monday Night Football."***

***In 1964, Howard and Jerry traveled to Miami for the ABC radio broadcast of the World Heavyweight championship bout in which challenger Muhammad Ali won the title from fearsome champion Sonny Liston.***

***"I set up a studio for the interviews in my hotel room and then I was right next to Howard at ringside," Jerry said regarding the famous fight.***

***"I thought that Ali was very funny," he said regarding the fighters' poetry and interplay with Howard during interviews.***

***Jerry said he was assigned by Rick Sklar to do the air checks of Harry Harrison on WMCA, before Rick hired him to replace Herb Oscar Anderson as the morning drive air personality at WABC in September 1968.***

***He said that he developed a friendship with George Michael, who served as Musicradio***

***"The first time I worked with him he threw a cart over at me instead of handing it, like the other jocks did," Jerry recalled. "I threw it back at him. We had a lot of fun together."***

***Jerry said that WABC came along at the right time, as more rock music was being produced.***

***"The Baby Boomers loved that music from the 1950s to 1970's," he said.***

***"I still love it. I have all of Connie Francis' records," Jerry said regarding the popular singer of the late 1950's and early 1960's.***

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**However, he said that he knew that the era was coming to an end when he saw some of his older daughters listening to disco music on WKTU-FM, which became the New York City ratings leader after its switched to that format in 1978.**

**Jerry and his wife, Esther, were married in July 1966 and currently live in Brooklyn. They have five adult daughters, five son-in-laws and 12 grandchildren.**

**Near the end of WABC's 21 and a half years as a Top 40 station, Jerry said that he got a promotion and became a senior production engineer, working on range of projects, including public service programs and promos.**

**He said that one of his strengths is tape editing.**

**In the 1980s, Jerry began working at ABC Television, handling audio, camera, lighting, utility and boom work on Channel 7 WABC Eyewitness News, network news programs, special events, "Regis & Kathie Lee," "The View" and soap operas - including "One Life To Live" and "All My Children."**

**He sometimes worked with another former Musicradio77 WABC engineer, Bill Mozer, on the set of "One Life To Live."**

**He said that he formally retired in 1999 and has continued to work on a free-lance basis since then.**

**"If WABC went back to being a Top 40 radio station, I would apply to work there tomorrow," Jerry said. "It was a great experience being with all those people when it was playing the hits."**

**Here's legendary WABC air personality Dan Ingram, "kibbitzing" with Jerry on the air: <https://musicradio77.com/images/Zeller3pcm.mp3>**

**Jerry was one of a kind, whose professional accomplishments and personal grace and humor loom large in the annals of our Club. We'll miss him dearly, and offer our sincere condolences to his family and friends. May his legacy be a blessing and comfort to all who knew and loved him.**

**BEARS will honor Jerry's memory and his long devotion to ham radio with a donation in his memory to the ARRL.**

**Editor: Thanks again to the BEARS Radio Club for allowing us to reproduce this article.**

**Ceil Gomez - W2CTG**



**2019 PROPOSED BUDGET**

	Bud. 2018	Actual 10/17-9/18	Comments	Difference	Proposed 2019
Donations	\$200.00	\$281.00		\$81.00	\$150.00
Dues	\$10,000.00	\$9,869.00	(1)	-\$131.00	\$9,500.00
Hamfair	\$8,200.00	\$8,385.00		\$185.00	\$8,500.00
50/50	\$650.00	\$738.00		\$88.00	\$700.00
Merchandise	\$200.00	\$379.00		\$179.00	\$200.00
Log Advertising	\$100.00	\$0.00		-\$100.00	\$0.00
Misc. Income	\$105.00	\$900.00	(5)	\$795.00	\$200.00
Sold Donations	\$650.00	\$292.00		-\$358.00	\$400.00
Greensky	\$0.00	\$0.00		\$0.00	\$0.00
B-COMM	\$560.00	\$552.00	(2)	-\$8.00	\$845.00
Amazon Smile	\$100.00	\$65.00		-\$35.00	\$75.00
<b>TOTAL INCOME</b>	<b>\$20,765.00</b>	<b>\$21,461.00</b>		\$696.00	<b>\$20,570.00</b>
Merchandise Purch.	\$100.00	\$0.00		\$100.00	\$100.00
Hamfair expenses	\$1,200.00	\$1,330.00		-\$130.00	\$1,350.00
Greensky	\$0.00	\$114.00		-\$114.00	\$0.00
<b>SUBTOTAL COSTS</b>	<b>1,300.00</b>	<b>1,444.00</b>		-\$144.00	<b>\$1,450.00</b>
Officers/Board	\$50.00	\$0.00		\$50.00	\$0.00
Website	\$250.00	\$112.00		\$138.00	\$40.00
Membership Exp.	\$160.00	\$261.00		-\$101.00	\$160.00
Meeting Exp.	\$850.00	\$764.00		\$86.00	\$500.00
Holiday Party	\$1,500.00	\$1,237.00		\$263.00	\$1,500.00
Field Day	\$900.00	\$1,428.00		-\$528.00	\$1,000.00
F.D.-Capital	\$400.00	\$516.00		-\$116.00	\$500.00
Picnic	\$400.00	\$0.00		\$400.00	\$300.00
Dues&Subscription	\$100.00	\$0.00		\$100.00	\$100.00
LOG/Roster	\$30.00	\$11.00		\$19.00	\$7.00
Advert (Hud.+Dir)	\$315.00	\$213.00		\$102.00	\$315.00

(Continued from page 17)

	Bud. 2018	Actual 10/17-9/18	Comments	Difference	Proposed 2019
Insurance	\$2,000.00	\$1,978.00	(3)	\$22.00	\$2,000.00
Good & Welfare	\$200.00	\$75.00		\$125.00	\$100.00
Repeater Maint.	\$250.00	\$954.00	(5)	-\$704.00	\$240.00
New Equip.	\$400.00			\$400.00	\$300.00
Repeater site rental	\$8,400.00	\$8,400.00		\$0.00	\$8,400.00
Post Off. Box	\$110.00	\$108.00		\$2.00	\$108.00
Telephone/Internet	\$2,300.00	\$2,640.00	(4)	-\$340.00	\$2,650.00
Misc	\$200.00	\$145.00		\$55.00	\$200.00
Newsline	\$75.00	\$0.00		\$75.00	\$75.00
Badges/Plaques	\$325.00	\$263.00		\$62.00	\$250.00
ARES	\$75.00	\$0.00		\$75.00	\$75.00
Education	\$75.00	\$0.00		\$75.00	\$0.00
DMR	\$100.00	\$0.00		\$100.00	\$100.00
Storage	\$0.00	\$200.00		-\$200.00	\$200.00
<b>SUBTOTAL EXPEN.</b>	<b>\$19,465.00</b>	<b>\$19,305.00</b>		\$160.00	<b>\$19,120.00</b>
<b>TOTAL</b>	<b>\$20,765.00</b>	<b>\$20,749.00</b>		\$16.00	<b>\$20,570.00</b>
	<b>\$0.00</b>	\$712.00		\$712.00	<b>\$0.00</b>
(1) Includes all due (2018+)					
(2) Pays 2/5 of our Plainview Cablevision bill					
(3) includes ARRL equip , ARRI liability, FD and board liability					
(4) Cablevision (Plainview) + Verizon (Seldon)					
(5) Replacement antenna covered by insurance					

## American Cancer Society Making Strides for Cancer 2018 Campaign

There is not one single person who does not know of someone who has been affected by cancer. It is time that this disease be conquered and cures be developed as quickly as possible.

NC ARES was present at the walk this year on October 21, 2018 at Jones Beach. Hams from all different clubs and organizations over the past 5 years have helped to make a difference by going to the ACS Making Strides site, [http://main.acsevents.org/site/TR/MakingStridesAgainstBreastCancer/MSABCCY18NER?team\\_id=2371391&pg=team&fr\\_id=89610](http://main.acsevents.org/site/TR/MakingStridesAgainstBreastCancer/MSABCCY18NER?team_id=2371391&pg=team&fr_id=89610).

This page was created to allow all members of all ham radio organizations to contribute and help other hams who are either fighting this disease personally or who are care givers of someone who is fighting this disease.

I have recently sent a check in to start the campaign off and hope others will do the same. I am including the page to be used and mailed in if you want to pay by check. If you want to use a charge card then the above link is where you should go. Please make sure you contribute under the team name NC ARES.

It is that easy to donate. If you have any problems you can always email me at [w2ctg@limarc.org](mailto:w2ctg@limarc.org) and I will gladly help you.

Ham radio operators are extremely generous people. They are always available to help mentor new hams, answer questions from ever experimenting active hams and give untold hours of their time at public events providing radio communications to insure the safety of sponsors and participants.

I know that if many members donate a small amount, the ham radio community will make a huge difference in the fight against cancer.

73

Ceil Gomez W2CTG

(Continued from page 19)

American Cancer Society  
Offline Donation Form

Participant Information

Event Name: Making Strides of Long Island

Participant Name: Cecilia Gomez

Participant Cons ID: 41239383

Team Name: NCARES

Please Indicate Your Donation Amount Below:

\$500    \$250    \$100    \$50    \$25    Other Amount: \_\_\_\_\_

Please make your checks payable to: American Cancer Society

Donor Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_

Zip/Postal Code: \_\_\_\_\_

Country: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**Thank You So Much For Your Contribution!**

Please mail this completed form, along with your check, to your local American Cancer Society Office at the address below. Please be sure to notify the participant that you are making a contribution on their behalf and sending it to the local American Cancer Society office.

American Cancer Society  
ATTN: Making Strides of Long Island  
75 Davids Drive  
Hauppauge, NY 11788

The American Cancer Society cares about your privacy and protects how we use your information. Your information will help us better serve your needs and the needs of your community, and we do not sell your information to third parties. For questions about our privacy policy, please visit [www.cancer.org](http://www.cancer.org).

## **GOOD AND WELFARE**

**Our condolences to our treasurer, Jerry Abrams, WB2ZEX, and brother Lee, WB2CUW, on the passing of their mother Rhea.**

**We extend our deepest sympathies to Tom Cott, NO3NO on the passing of his father.**

### **LIMARC Membership Report – November 2018**



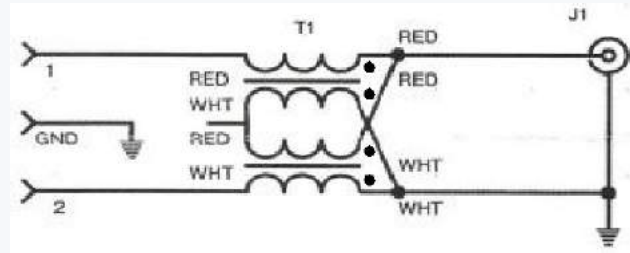
Fredrick Wick KC2DXC  
Steven Cohen N2NSJ

Henry Seidner WA2ROA  
Sandy Ratner WB2TAH

If your email introduction to the eLOG states that you have already paid your 2019 (or later dues), you do not have to continue reading this report. However, if your introduction states that you have not paid your 2019 dues yet, It is that time of the year again: Time to renew your membership for 2019. Regular membership dues are \$40. Senior dues (65 y/o or older) are \$30. Full time students and associate members are \$20, and family membership is (living in the same household) is \$15. Dues may be paid in person at any LIMARC function, can be renewed by PayPal. LIMARC's PayPal address is [limarc@optonline.net](mailto:limarc@optonline.net). Dues can also be mailed to PO Box 392, Levittown NY 11756-0392.

**SOME FUN FERRITE FACTS - Roy AC2GS**

Recently, there was a great discussion on baluns on the LIMARC TechNet, and less obvious ways that a balun could "go bad." That particular issue remains a bit of a mystery, but authorities are on the trail to a solution.



This is what a 4:1 binocular current balun might look like

Damage to a balun's wire windings or capacitors usually are obvious to a visual inspection, but a balun's ferrite core, be it a torus, a bar, or something known as a pig-nosed ferrite core - its damage can be a very subtle thing.



Just a few of the shapes that soft ferrites can be molded into.

I have always been fascinated in the "almost magic" nature of magnets and magnetism, and it is no doubt the seemingly "magical nature" of the closely related electromagnetic wave that has attracted us all to this hobby, that we are happily participating in...

So, I thought I might investigate how the balun's ferrite core does some of its own kind of "magic."

(Continued from page 22)

We all use the term magnetism for a collection of different phenomena, including a person's "animal magnetism," but magnetism is not a single, simple thing.

For a start, there are many different types of magnetism in physics. What we usually mean when we say "magnetism" is more accurately termed ferromagnetism - objects that align their atom's half-filled electron shell's "spin" with an external applied magnetic field, and when the external magnetic field is removed the ferromagnet's magnetic dipole moments are "locked" into that orientation and continue to produce their own magnetic field.

In fact, that is just one "flavor" that magnetism comes in. There is *paramagnetism*, where the material aligns its magnetic dipole moments with an external magnetic field and is attracted to that external magnetic field, but when that external magnetic field is removed the material has no "memory" of that previous alignment of its own magnetic dipole moments - it "forgets" its previous magnetic alignment. There is *diamagnetism*, where the material reacts to an external magnetic field by aligning its own magnetic dipole moments *in the opposite direction*. Then there's *anti-ferromagnetism* and *super-paramagnetism*...

And something called "*ferrimagnetism*." *Ferrimagnetism* is very similar to *ferromagnetism*, except that some atoms line up *with* the magnetic dipole moment of the applied external magnetic field, while others line up opposing the external magnetic field - these two opposing qualities are not equal, so in the end a *ferrimagnetic* object is left with a net magnetic field aligned *with* the external magnetic field, even after that external magnetic field is removed.

Iron is ferromagnetic, but iron oxides exist in different oxidation states, sharing a different number of electrons with a different number of Oxygen atoms, called ferric oxide and ferrous oxide - it is this mixture of oxidation states that gives iron oxides their *ferrimagnetism*.

And even among *ferrimagnetic* material, there are different kinds! One type is called "Hard Ferrites" - by adding barium or strontium carbonate to the iron oxide, the material's own magnetic field, originally induced by an external magnetic field, is reinforced and more permanent, described by terms like high coercivity or high remanence. These are the "ceramic magnets" that may be adorning your refrigerator this very moment! The mineral Magnetite, a hard ferrite, was probably the first magnet discovered by mankind.

Our special attention for tonight, though, is for the so-called "soft-ferrites," which, having a low coercivity and low remanence barely hold onto their induced magnetic field soon after the external magnetic field is removed. They can, therefore, reverse their magnetic field without dissipating much energy, (or hysteresis loss). They are said to "conduct" magnetism, more than store it, and it is this quality that makes them so useful to us as the core in inductors, transformers, and as common mode current suppressors.

Soft ferrites are manufactured using a mixture of Iron Oxide, Nickel, Zinc, and Manganese compounds, heated in a low Oxygen environment at a particular temperature range and pressed into shape from sintered powder.

(Continued on page 24)

(Continued from page 23)

Different mixes possess different characteristics, like permeability, magnetic saturation point, frequency range, and temperature range. Mix #31 is a favorite with Hams, but the benefits of using other mixes is a great topic for arguments on the HF bands!

The powder of an iron powder core is generally 10 microns and smaller. The powder is treated to oxidize a nano-meter thick layer before it is pressed into a core, with 1 or 2% epoxy binder. The thin phosphate layer raises the bulk resistivity of the iron to about 10 trillion [ $10^{10}$ ] ohms, and eddy currents are essentially eliminated. If the core is heated beyond about 170°C, the powder oxidizes more, and the insulation layer is destroyed. The elemental, magnetic, iron volume falls off by the cube of the thickness of the oxidized iron. In addition, the permeability of the iron drops off by some exponential factor as the volume fraction of iron decreases. The resistance goes down to several ohms of the bulk powder - so you end up with a ferrite with lower permeability and higher eddy currents.

Such a ferrite has kicked the proverbial bucket; it's shuffled off 'this mortal coil, run down the curtain and joined the bleedin' choir invisible!! THIS IS AN EX-ferrite!!

73,

Roy AC2GS

(This article is based on a presentation that was made on a LIMARC TechNet. If you are interested in science and technology (and why would you still be reading this if you aren't), stop by the LIMARC TechNet every Sunday night at 8 PM, and bring questions, or answers, or email your questions to [mailbag@LIMARCTech.net](mailto:mailbag@LIMARCTech.net)!)



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**Gary Buchwald – W2MIT**

Actually, your year-round shopping on Amazon.com will help LIMARC as long as you go to Smile.Amazon.com and designate the Long Island Mobile Amateur Radio Club Inc. as your charity of choice.

What is AmazonSmile?

AmazonSmile is a simple and automatic way for you to support LIMARC every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to LIMARC!

How do I shop at AmazonSmile?

To shop at AmazonSmile, simply go to smile.amazon.com from the web browser on your computer or mobile device. You may also want to add a bookmark to smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile.

In fact, here's a direct link which will take you to smile.amazon.com and will automatically designate LIMARC as your supported charity:

<https://smile.amazon.com/ch/11-2469363>

Which products on AmazonSmile are eligible for charitable donations?

Tens of millions of products on AmazonSmile are eligible for donations. You will see eligible products marked "Eligible for AmazonSmile donation" on their product detail pages. Recurring Subscribe-and-Save purchases and subscription renewals are not currently eligible.

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How much of my purchase does Amazon donate?

The AmazonSmile Foundation will donate 0.5% of the purchase price from your eligible AmazonSmile purchases. The purchase price is the amount paid for the item minus any rebates and excluding shipping

(Continued from page 25)

& handling, gift-wrapping fees, taxes, or service charges. From time to time, we may offer special, limited time promotions that increase the donation amount on one or more products or services or provide for additional donations to charitable organizations. Special terms and restrictions may apply. Please see the relevant promotion for complete details.

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#### **REMINDER**

LIMARC is a 501(c)(3) not-for-profit corporation. As such, all monetary donations are tax deductible, and donations of e equipment are deductible either to the amount that the club might sell the item for, or the fair market value. As we move forward in trying to provide assistance to schools wishing to set up amateur radio programs, please consider us for your donations.

#### **REMINDER**

##### **If You Hear Something, Tell Someone**

Those of you who use the repeaters on a regular basis are all too aware of the fact that there are certain individuals who have nothing better to do with their time than to interfere with people on the repeater. An organized effort is underway to locate and identify these individuals. **YOU CAN HELP.** If you hear malicious interference on any of the LIMARC repeaters, please hit the reverse (HM/RV) button on your radio and see if you are able to hear them on the input. Please email your findings to [rft@LIMARC.ORG](mailto:rft@LIMARC.ORG). Indicate whether you heard them on the input or not. Please include the time of day, the repeater, your location and type of antenna (if you have a beam, include the heading).

Thank you for your cooperation.

## DOOR PRIZE DONATORS

Below is a list of individuals, organizations and companies that contributed to the 50th Anniversary celebration.

Please consider making future purchases from them as a thank you for their generosity and loyalty to our club!



[www.kjielelectronics.com](http://www.kjielelectronics.com)



- [www.dxengineering.com](http://www.dxengineering.com)



- [www.qsradio.com](http://www.qsradio.com)

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Website Services

IT Helpdesk Services

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## All Nassau A.R.E.S. Members

Nassau County A.R.E.S. meets on the second and fourth Thursdays of the month. All are welcome to attend! ARES meetings are held at the Nassau Co. Red Cross, 195 Willis Ave in Mineola.



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Ask for Jeff



## VE Testing Schedule for 2018



LIMARC VE Test Sessions are held on the second Saturday of every odd numbered month at the Levittown Hall, Levittown Parkway, Hicksville, NY. Please remember to bring **two** pieces of identification (one with a photo), your **original** license **and** a copy of it, any **original** Certificates of Successful Completion of Examination (CSCE's) **and** copies of them. Also remember to bring the proper fee in check made out to ARRL VEC or exact change (NOTE: the 2018 fee remains at \$15.00). The LIMARC VE Team will supply the FCC Form 605. For further information, contact Al W2QZ at (516) 623-6449 or Jim W2KFV at (516) 997-6023.

### 2018 SESSION DATES AND TIMES AS POSTED

Nov. 10 1:00pm

## 2018 Meeting Schedule

All general meetings are held at: Levittown Hall 201 Levittown Parkway, Hicksville, NY. Meetings start at 8:00PM.

All Board meetings are held at the Levittown Library 1 Bluegrass Ln, Levittown, NY. Meetings start at 7:30PM.

### LIMARC AT A GLANCE-2018

Month	Bd. Meeting	General Mtg	VE Session	Hamfest	Other
Jan	3rd	10th	13th		SATURDAY 6 - HRU
Feb	7th	14th	25th	25th	
March	7th	14h	10th		
April	4th	11th			
May	2nd	9th	12th		Lindbergh event - 20
June	May 30th	6th		10th	FD - 23 -24
July	11th		14th		Apollo event - 20
August	NONE				
Sept	5th	12th	8th		
Oct	3rd	10th	28th	28th	
Nov	7th	14th	10th		
Dec	5th	12th			



**LIMARC Repeater Nets**  
(W2VL 146.850, unless otherwise noted)

**Monday:** Info Net, 8:30 PM

Net Control Operators

Week 1-Lew N2RQ; week 2-Richie K2KNB; week 3-Ceil W2CTG; week 4-Harry KC2FYJ; week 5-Rick K2RB

**Following the Info Net**

**Stay tuned for the Swap – n – Shop Net, 8:45 PM (approximately)**

Bill **WB2CUK**, Net Control

**3<sup>rd</sup> and 4<sup>th</sup> Wednesday**, Computer Net with Ken **WB2KWC**

**Sunday:** Tech Net, 8:00 PM – Dick **K2RIW**, Net Control

**1<sup>st</sup> and 3<sup>rd</sup> Tuesday**, Astronomy Net, 8:30 with Craig **KD2CXK**

**Any month with 5 Wednesdays**, Nostalgia Net, 8:30 with Richie **K2KNB**

**LIMARC Repeaters:** W2VL 146.850 – IRLP node 9126;

**W2KPQ** 147.375 - IRLP node 9126;

**W2KPQ** 224.820; **W2KPQ** 449.125- IRLP node 4969; **W2VL** 1288.000

**WA2LQO** 146.745; Digital Mobile Radio **W2KPQ** 449.375 (No PL)

*All analog PL tones are 136.5*

Ceil Gomez, W2CTG Editor of *The LOG*,

**W2CTG@LIMARC.org**

**LIMARC PO Box 392 Levittown, New York 11756-0392**

<b>LIMARC Officers</b>				<b>Directors</b>		
<b>President</b>	Richie Cetron	<b>K2KNB</b>	<b>(516) 694-4937</b>	<b>Bob Batchelor</b>	<b>W2OSR</b>	<b>(516) 671-4083</b>
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				<b>Lew Malchick</b>	<b>N2RQ</b>	

Email for officers and Board members can be sent to their call sign @limarc.org. In addition, all can be reached at [LIMARC@LIMARC.org](mailto:LIMARC@LIMARC.org)

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**From The Editor**

Please send all items for entry into the LOG to [W2CTG@LIMARC.org](mailto:W2CTG@LIMARC.org). I will be glad to accommodate all appropriate requests. If you miss a deadline (the deadline is the 15th of the month) I would be glad to place your item in the LOG next month, space permitting.

Thanks, and 73, Ceil W2CTG - Editor, The LOG