





Hi!

Is there anything new under the sun? Can you build a better mousetrap or re-invent the wheel? Is there a proper greeting for this message other than "Greetings"? This is the 83rd President's message that I have written. It is an honor to be in this position but at the same time, what do I write time after time after time.

I was thinking that perhaps I could recycle some of the previous messages. That would be pretty easy and quick. "Please refer to March 2007 message". Some of the old ones were pretty good, even I if I say myself. However, it is always better to start fresh. Well that is what I have tried to do 82 times before.

That having been said let me take the opportunity to remind everyone that it is always the members that determine the quality of the organization and that we are fortunate to have some of the most patient, intelligent, kind and friendly people that we are proud to call our members. It would be rare to find someone looking for help in some ham related area who cannot find someone else more than willing to help out. And then there are just non-ham issues where again, members step forward to help out.

This is a really good organization that does some really good things for the amateur radio world and the community in general. And sometimes we do try to build a better mousetrap, reinvent the wheel, although I am not sure if we found something new under the sun.

Thank you for the support that you give the club.

73

Richie, K2KNB

President

LIMARC Board Meeting Minutes

February 06, 2019

Officers present: President - Richie K2KNB, Vice President - Bob W2OSR, Secretary - Ken WB2KWC, Past President - Joe W2BMP

Directors present: Martin W1EMR, Ken KD2GXL, George WB2IKT, Jay KC2YSK

Guests present: Lou NY2H, Steve WB2KDG, Bill KC2SYL, Rob KC2ILP, Gary W2MIT

The meeting began at 7:32 pm.

The motion to accept the draft minutes of the January 2019 board meeting was approved unanimously.

President: Richie K2KNB discussed our recent antenna problem at W2VL. Andy WA2CDL is very good at recognizing when a problem exists and then passing the information on. We also owe thanks to Steve WB2WAK, Steve WB2ZSE, Eric KE2EJ, and Billy KC2ROB who are the people that did the work of restoring W2VL to operation. Billy saved us the cost of a rigger and mounted antenna. He is the site manager for our repeater sites and is the only one on the roof testing and maintaining our antennas and feed lines.

We have two categories of non-dues-paying membership, honorary and complimentary. Honorary is a permanent class while complimentary memberships must be approved by the board annually. The board voted honorary membership to Billy KC2ROB, Steve WB2ZSE, Ron KE2UK, Matt KC2VXM and Jonathan K1RFD for the work that they have done for LIMARC.

Social Media: We are trying to make more impact with our FB page. The Swap 'N Shop net is now a forum on the web page. The board discussed whether the forums on our web page should be open or members-only or a combination (open to read but only members can post). Jim KD2EDX has set up a new LIMARC Twitter account. Jim has also created a Google not-for-profit account which has more utilities than a regular Google Docs account.

Special events: We will be running a special event station at the Cradle of Aviation museum on May 21 in honor of Charles Lindbergh's solo transatlantic flight. We will also be there on July 20 to celebrate the 50th anniversary of the Apollo moon landing.

Field Day: We have received approval for use of the Rosemary Kennedy Field Day site. We will be there June 21-23. Setup will begin Friday June 21 and some participants will be sleeping over at the site. We are hoping to have a Boy Scout troop working with us.

Insurance: Gary W2MIT said that we have taken a \$1 million insurance to protect the board members. Gary told us what activities (e.g. fraud, physical abuse) were excluded. Thank you to Gary W2MIT's wife for getting us a good rate on the insurance.

Greensky: Lou NY2H told us he has developed a new model using a hard drive rather than an SD card to make it more reliable; however Lou is trying a new SD card configuration first. Our goal is 90% uptime. The FCC is interested in the Greensky system.

(Continued from page 3)

Vice President: The program for the main portion of the February 13 meeting will be Mel KS2G discussing contesting. The Pre-meeting program will be Ken WB2KWC talking about computer logging for contests. At the March meeting the N2MEI award for outstanding public service will be given to Lew N2RQ. The March meeting is membership appreciation; we will have food, time to socialize and a brown bag auction. In April Bob W2OSR will speak about QRP operation. The program for the May meeting will be connectors and the June meeting will be dedicated to Field Day. Because Levittown Hall is unavailable the second Wednesday in June the meeting will be the second Tuesday (June 11) at the Merrick Golf Course. We are trying to plan a picnic in July.

Secretary: Ken WB2KWC told us that we received a letter from the Nassau University Medical Center thanking us for our donation of toys.

Treasurer: Since Jerry WB2ZEX was not at the meeting Ken WB2KWC read the treasurers report; we have \$14,324.24 in the checking account, \$486.35 in PayPal and \$2,178.29 in the memorial funds for a total of \$17,058.98.

Membership: We have 300 paid members for 2019, at this time last year we had 310 paid members.

Public Service: Ken KD2GXL said that there will be a single ARES meeting in February, on the 28th. This will be a combined general meeting plus training in Winlink and NBEMS.

Technical: Richie K2KNB reported that all of our systems are stable. Our technical chairman Eric KE2EJ is looking for someone with repeater skills to assist him. Since this is a unique system we would like Eric to produce a block diagram so that we can understand it.

Hamfest: Richie K2KNB is looking for volunteers to help at the Hamfest.

ARRL: Our new Hudson Division director Ria N2RJ will be holding a cabinet meeting on March 24 starting at 9:00 am at the Merrick Golf Course.

Education: Joe W2BMP says that there have been 18 requests for license classes including 4 in the NLI area and 8 more are expected from the Red Cross. The tentative start date is some time during the week of February 10.

Scouting: Bob W2OSR said that he is waiting to learn the status of Boy Scout projects in the light of the Boy Scouts admitting girls and their having filed for Chapter 11 bankruptcy.

School Club Roundup: Lew N2RQ reminded the board that SCR will be February 11-15. We would like to have a club submission using our WV2LI call.

Good and Welfare: Bill WB2CUK will be returning home from rehab this week. We sadly report the passing of Paul N2OPB. Rob KC2ILP will be having 2 weddings in his family as is Jay KC2YSK. Gary W2MIT has a new grandson. Marilyn K2MAR was in a car accident. Tim KB1HQJ is ill.

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New Business: George WB2IKT said that a new repeater trustee is need for the Grumman repeater WA2LQO because of the passing of the current trustee. George is being considered for the position.

The meeting was adjourned at 9:09 pm.

Votes/Actions:

1 – The board voted honorary membership to Billy KC2ROB, Steve WB2ZSE, Ron KE2UK, Matt KC2VXM and Jonathan K1RFD for the work that they have done for LIMARC

Respectfully submitted; Ken Gunther WB2KWC LIMARC Secretary

HAM RADIO BEGINNINGS ??????

In the words of Wikipedia (https://en.wikipedia.org/wiki/Etymology_of_ham_radio), although many sites say pretty much the same:

"This widely circulated, but fanciful tale claims that, around 1911, an impassioned speech made by Harvard University student Albert Hyman to the United States Congress, in support of amateur radio operators, turned the tide and helped defeat a bill that would have ended amateur radio activity entirely by assigning the entire radio spectrum to the military. An amateur station that Hyman supposedly shared with Bob Almy and Peggie Murray, which was said to be using the self-assigned call sign HAM (short for Hyman-Almy-Murray), thus came to represent all of amateur radio. However, this story seems to have first surfaced in 1948, and practically none of the facts in the account check out, including the existence of "a little station called HAM" in the first place."

(This was sent to me by Roy AC2GS and I had never heard of it so I though there maybe others out there who had not have heard it either. – Ceil W2CTG – Editor)

LIMARC General Meeting Minutes

February 13, 2019

Ken WB2KWC made the pre-meeting presentation which dealt with computer logging and the Logbook of The World.

The meeting started promptly at 8pm with Richie K2KNB leading us in the Pledge of Allegiance. Richie introduced Craig KD2OGB and Tony W2ASC who were at their first LIMARC meeting.

The School Club Roundup, a LIMARC sponsored contest, will be held February 11-15. We would like LIMARC members to operate the contest using our call WV2LI taking turns to avoid multiple stations operating at the same time.

On May 21 we will be operating at the Cradle of Aviation to commemorate the solo transatlantic flight of Charles Lindbergh. Charles Lindbergh took off on May 20 and we are trying to set up an operation then. If you would like to volunteer contact Richie K2KNB.

Richie K2KNB thanked a number of members who helped when we had an antenna problem at the W2VL repeater site. Andy WA2CDL listens to and actually measures the output of the repeater and notifies other members of the Tech Committee when he detects a problem. Steve WB2ZSE lent us an antenna to minimize downtime. Steve WB2WAK went to the site and checked things out. Billy KC2ROB is the Field Site Manager at our location and he is the only one that goes to the roof. Billy is very kind to us and does a lot of the work free of charge. Eric KE2EJ also coordinates the activities on the repeaters.

Good and Welfare: Eric KE2EJ is in the hospital with a broken bone in his spine. Bill WB2CUK should be coming home from rehab this week and will be running the Swap 'N Shop net again soon.

Honorary and Complimentary Members: The board voted to elevate a number of complimentary members to honorary membership. These members have performed substantial service for LIMARC:

Jonathan K1RFD – Author of Echolink

Billy KC2ROB – Site manager at our repeater sites

Ron KE2UK – Got us access to the roof at NUMC

Steve WB2ZSE – Has obtained equipment or used his equipment to keep our repeaters on the air

Matt KC2VXM – Hosting and developing our web site at no cost to LIMARC

These elevations from Complimentary to Honorary was approved by the membership

N2MEI Award: Richie K2KNB announced that Lew N2RQ will receive the N2MEI Award for public service at the March LIMARC General Membership meeting.

Hamfest: 52 of 68 tables have been sold for the February 24 Hamfest. John from Quicksilver will be unable to make the Hamfest. LIMARC will be selling a number of old receivers from the estate of Paul N2OPB (one of the things that LIMARC does is to sell equipment for a deceased ham's estate, please let your family know how you want your equipment disposed of).

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Vice President: Bob W2OSR told us that the program for the March meeting is Membership Appreciation. We will be having food and a brown bag auction. The April theme is QRP. We will have a presentation on connectors at the May meeting. The June meeting will be devoted to Field Day. Please note that the June meeting will be at the Merrick Golf Course on Tuesday June 11.

Membership: Jerry was unable to attend the meeting so Richie K2KNB reported that we have 314 members.

Treasurer: Jerry WB2ZEX sent Ken WB2KWC the treasurer's report was the same as the February board meeting (\$14,324.24 in the checking account, \$486.35 in PayPal and \$2,178.29 in the memorial funds for a total of \$17,058.98). Richie K2KNB commented that with 314 members and 3 Hamfests coming up we should be in good financial shape.

The business portion of the meeting was adjourned at 8:22pm and was followed by a presentation by Mel KS2G on contesting.

Respectfully submitted; Ken Gunther WB2KWC LIMARC Secretary

GOOD AND WELFARE

Speedy recovery to Eric, KE2EJ, suffering from a fractured spine.

Bill WB2CUK will be returning home from rehab soon.

We express our condolences to the family and friends of Paul N2OPB on his becoming a silent key.

Marilyn K2MAR was in a car accident and we wish her the very best.

Both Rob KC2ILP and Jay KC2YSK will both be having 2 weddings in their families. Congratulations! Congratulations to Gary W2MIT in the birth of his new grandson.

Condolences to Joe W2BMP, Ceil W2CTG, and Paul KD2CYQ on the loss of Joe's father Jose A. Gomez Congratulations to Tom Behrens, KD2ESW and wife Agata, on the birth of their daughter, Isabella.

SCHOOL CLUB ROUND UP FEBRUARY 2019 — UPDATE

With nearly a week to go from this time of writing, there have been at least 68 entries received. This was the 46th running of the School Club Roundup. For the first time, there was a LIMARC club entry from WV2LI. As the sponsoring club, this was good to see.

I want to thank all LIMARC members who operated and made some contacts with schools during this SCR session. There were a number of members who operated only as individuals. Some of them may not have sent it their entries. This was our first attempt to have a club presence in the SCR. I hope our next time in October (21-25, 2019) will be more organized and even more fun.

After Ken (WB2KWC) and I have finalized the results, all participants we have the opportunity to download and print a certificate.

Anyone interested in working on the SCR committee should contact us at scr@limarc.org

Thank you all for supporting the School Club Roundup.

73, Lew, N2RQ

scr@limarc.org

2019 RTTY ROUND RESULTS

Submitted by Ken WB2KWC

Ken KD2GXL and Ken KB2KWC entered the 2019 RTTY Roundup and listed LIMARC as their affiliated club. Here is how they did. Unfortunately you needed 3 members participating to compete. The complete list is at http://contests.arrl.org/clubcompdetails.php

LONG ISLAND MOBILE ARC

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Members must live and operate with the ARRL section of NLI.

2019 RTTY RU

4,158 KD2GXL

180 KB2KWC

N2MEI Award



LIMARC has an award named in honor of Kevin Kane, N2MEI, a New York City fireman and LIMARC member, who died in the line of duty, sacrificing his life to make sure that others were safe. The award is given to honor those who have given a lifetime to public service and is awarded on a very limited basis. There have been 3 previous awardees, Mario Maltese, WF2T, George Gluck(sk), WA2WKV, and Jim Mezey, W2KFV. Now we are pleased to announce a fourth recipient, Lew Malchick, N2RQ. Lew has a lifetime of public service both in his occupation and in his volunteer work. He has been a steady influence on maintaining amateur radio as an important communications backbone

We will honor Lew at our March 13th membership appreciation meeting.

Some of Lew's services include:

- Licensed ham since 1959
- Multiple terms as LIMARC Director
- Co-Chairman of the LIMARC Education Committee
- Co-Founder of the School Club Round-up
- Chairman School Club Roundup committee
- Teacher in charge of Brooklyn Tech HS Amateur Radio and Wireless Technology Club, W2CXN. 42 years.
- Trustee- Stuyvesant HS Amateur Radio Club W2CLE;
- Trustee Brooklyn College ARS- K2APZ.
- Trustee W2UFT, UFT Teachers Radio Club
- Long time 6th Battalion ARES liaison ~20 years
- Participation as Radio Operator in 40 NYC Marathons and numerous public service events
- Long time operator for LI Marathons
- Long time ARES Member-
- Participation in almost all ARES public service activities
- Maintains the Packet Node/BBS W2KPQ
- Army MARS 1964-1992, operator and net control

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- LIMARC Info Net Control
- ARRL VE
- Nassau County Election Poll Coordinator
- Laboratory Assistant and then Science Teacher
- Represents the UFT Science Committee and the Chemistry Teachers Club of New York at the Science Council of New York City (SCONYC).
- UFT Delegate
- Hudson Division Grand Ole Ham 2005
- Consultant and advisor teachers relating to health issues

Join us on March 13th to honor Lew.

February 24th Hamfest

Despite dire weather predictions, the February hamfest was very successful. We had very good vendor participation and good buyer attendance. We had something close to 400 person total attendance. Among the highlights were Andy's(WA2CDL) Tech-Tune-up table, some samples of 3 D printing supplied by Roy, AC2GS, and an FT 8 Forum presented by Ken, WB2KWC. The VE Session provided 4 new Techs and several upgrades.

The time and effort given by the volunteers is greatly appreciated and acknowledged.

Don WB2BEZ	Jerry WB2ZEX	Andy WA2CDL
Jeff N2ION	Jim W2KFV	Larry KC2AED
Marty W1EMR	John W2GW	Joe N2IMF
Ken KD2GXL	Harry KC2FYJ	Margaret KB2IDZ
Ken WB2KWC	Ceil W2CTG	Les K2TGW
George WB2HPI	Joe W2BMP	Gladys KC2YFT
Rick K2RB	Howard WF2Q	Bill KC2SYL
Tony N2ICD	Bill W2UDT	Lou NY2H
Bob W2OSR	Doug N2EJ	John KD2AKX
Craig KD2CXK	Ed KC2E	Roy AC2GS

LIMARC HAMFEST FEBRUARY 24, 2019













LIMARC Membership Report –March 2019



Please welcome the following new/returning members:

Blake Turner, W2BBT Ted Phillips, N2DUE Francis Wippert III, N2FSW Jay Eichner, N2PIK Vincent Bottitta, KD2QNZ John Fahey, KF2UR William Sabo

If you haven't already done so; this is your last chance to renew you membership if you want your name and call to appear in the 2019 LIMARC Roster. Regular membership dues are \$40. Senior dues (65y/o or older) is \$30. Full time students and associate members are \$20, and family membership 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. Dues can also be mailed to PO Box 392. Levittown NY 11756.

Membership Appreciation Pins.

The following Members are going to receive Membership pins for exactly 25, 35, or 45 years of LIMARC Membership. If you feel that you were overlooked, please notify me ASAP. In order to receive a pin, you had to join in 1994 (for 25 years), 1984 (for 35 years), and 1974 (for 45 years). There were no 40 year (1979) members. Please note that Life, and Honorary Members are not counted, but pins will be sent to the Honorary Members later this year. Life Members already received their pins.

25 years: Steve Yacuillo, KB2NQN; Donald Buckland, N2UAR; James Morris Sr., N2WBL; and Richard Selzer, N2WJL

35 years: Joseph Urban, N2CQX; and Peter Trinche, W2SET

45 years: Jay Wechter, WB2CXR; George Cavaliere WB2HPI; and Andrew Bartilucci, W2NKC.

50 Years Ago – From the March 1969 Log

LIMARC dues were only \$5 a year. The meetings were held in the Dining Hall of CW Post College. The March program was President George K2CQM talking and demonstrating printed circuits, and our Vice President Ed W2KPQ (sk) talked about integrated circuits in mobile applications. A comment was made that why doesn't the ARRL or CQ magazine sponsor a mobile contest.

40 Years Ago – From the March 1979 Log

The March speaker was a distributer for Electra Scanners. Dues were \$10 per year. There was a letter complaining that the club was allocating too much money for the ATV repeater, which would only be used by about 2% of the club membership. Membership from membership dues was budgeted for 500 members (down 100 from 1978. The 1979 hamfest to be held at Islip Speedway was called Hamfest '79. Three thousand hams attended last year's hamfest. General admission was \$1.50 with vendors paying \$3.00 a space. A new group was being formed for bunny hunting called L.I.D.F.A. (Long Island Direction Finding Association). The 2 two meter repeaters were WR2ADM (85) and WR2ADZ (375).

30 Years Ago – From the March 1989 Log

The Main presentation was a slide show about a DX expedition to Peter Island. The 1989 budget was \$20,100 with ½ (\$5100) of that for the Log printing and mailing. A letter was received stating that the article about the origin of "HAM" may be a hoax. Alex AI2Q continued his article about Packet Radio. There was an article about New Delhi's first amateur radio repeater sponsored by Pan-Am, and designed by Sarjit Paintal WB2YFN.

20 Years Ago – From the March 1999 Log

The main presentation was ARRL 1st VP Steve Mendelsohn W2ML (sk) talking about License Restructuring". From the Board Minutes, John Bartscherer N1GNV (QuickSilver) was named the club's RFI Committee Chairman. There was a comparison of LIMARC's expenses and income for the last few years. In 1998 LIMARC's income was a little over \$32,000 with expenses of over \$35,000. There was a letter from Anthony AB2CJ about how R.A.D.I.O (LIMARC members that assist members with the town's zoning boards in reference to getting permits for towers) assisted him for his tower approval.

10 Years Ago – From the March 2009 Log

The March Meeting was going to be Membership Appreciation Night with pizza and awards for members belonging to LIMARC for 25 and 35 years and a brown-bag auction. There were some pictures from LIMARC's Past, as well as pictures from the February meeting.



The cost to take a VE exam was \$15 (still is 10 years later). Jim Mezey W2KFV was to receive the N2MEI Award. In his comments to the board, Richie K2KNB mentioned about former LIMARC Members not renewing because of some perceived grievance against the club. LIMARC does not throw non members off the repeater, but ask that regular users join the club to support the costs involved in maintaining the repeaters.

The Usual Suspects

Can You Recognize the Waveforms That You Transmit?

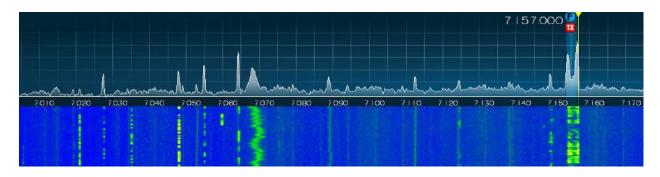
Most people have seen the Bryan Singer Film, The Usual Suspects. Near the beginning of the film the local police hold a *police line-up*, for a number of common criminals, to see if any victim can recognize anyone for the crime, they are investigating...

It made me wonder, how many of us could recognize the kinds of waveforms we transmit regularly out of another kind of *line up*?

This will probably grow easier as Software Defined Radio features like a panadapter with a *waterfall* display permeate the Amateur Radio community – after a while you'll see the difference between Amplitude Modulation, Upper and Lower Sideband, and even Morse Code on a good day.

There are still a lot of Hams relying on older legacy radios, where they offer little, in the way of visual cues, but I thought that a little demonstration of the different patterns these modes leave on a panadapter might be informative.

What does a typical panadapter look like? Well here's a snapshot of one from my radio:

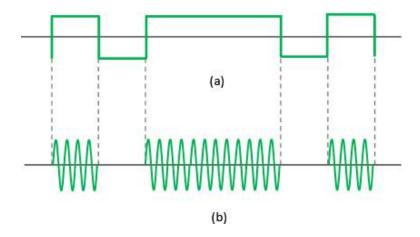


(let's ZOOM in, for some detail...)

(Continued from page 15)



First, let's start with the first mode of transmission that Hams used – Continuous Wave, CW, using Morse Code. It sounds rather simple, at first – its either all-on or all-off, nothing in between:



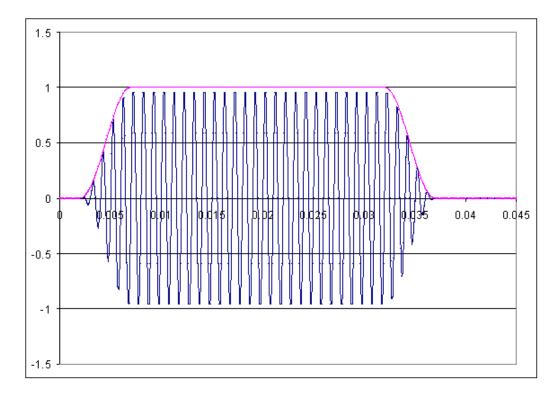
Where "a" is the modulating signal, with all the information, and "b" is the carrier wave.

Ah, if life were that simple.

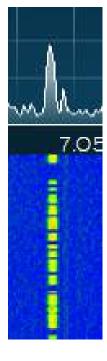
In real life "square waves", "a" in the illustration above, are the equivalent of a sine wave signal that is the sum of the *fundament* frequency and to a diminishing extant, **EVERY SINGLE** odd multiple of that fundamental frequency, up the frequency spectrum! This is what produces *clicks* and *chirps* that are the reason for the last bit in some "RST" transmission reports - *599K*, for instance, means the transmission was perfectly readable, very strong, and a pure *D.C.* tone, **BUT** you had an annoying *click* in your *dits*, and *dahs*!

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What's a Ham gonna do about this? Well, all that is required is a smoother transition from full power and no power, and those chirp causing harmonics will fade into the noise, where they belong:



So, how does this look in my panadapter?

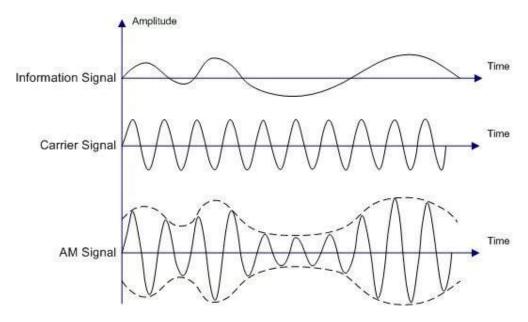


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For Morse Code, unless you have an amazing "eye" you're going to need to look for the frequency amplitude *history* at the bottom, in the *waterfall*, where you might recognize the *dits* and *dahs* streaming down the page!

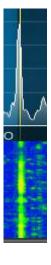
Okay! What came next to our *Hamcestors* (get it – it's a mix of Ham and ancestors???)?

Why, Amplitude Modulation, AM!



That's not too difficult – just modulate your carrier with an audio frequency signal coming from your microphone and you're there!

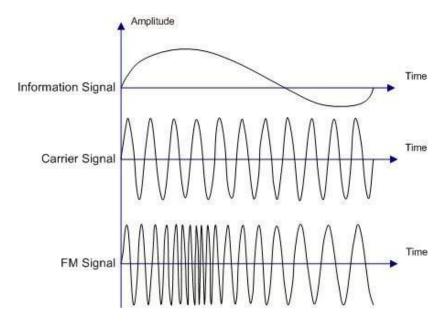
This produces a symmetrical waveform on a panadapter, similar to CW, although it will cause a wider band of frequencies than CW, to handle the increased *data* or *symbol rate* – phone just has a lot more information than a simple CW transmissions, at a higher rate. Some AM transmissions are 6 kHz wide, but some AM guys have been known to expand that a bit more to get those nice sibilants, of theirs, a chance to be appreciated. How does an AM transmission look on a panadapter?



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It's a bit *symmetrical* and the *waterfall* shows *softer* passages along with *louder* ones, not the abrupt cut-off seen in CW transmissions.

What about Frequency Modulation? This is where, rather than modulate the carrier's amplitude by the amplitude of the audio wave from you microphone, the audio's amplitude is used to *deviate* from the exact frequency of the FM transmission's carrier wave (that is why, when you over-drive your audio on an FM Repeater, people will tell you that you are *over-deviating!*):

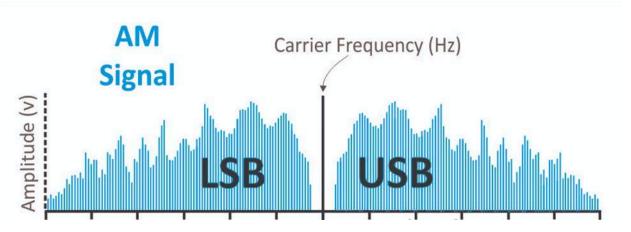


How can you tell the difference between an AM transmission and an FM transmission on a panadapter? Well, unfortunately it isn't easy – they pretty much look just like a symmetrical AM signal *BUT* there are little difference – during the silent pauses during an AM transmission the transmission bandwidth shrinks to a fine line. FM transmissions seem to have a thicker bolder bandwidth, especially when they are also transmitting an inaudible PL tone for Repeaters. It ain't a perfect system, but it's better than nothing!



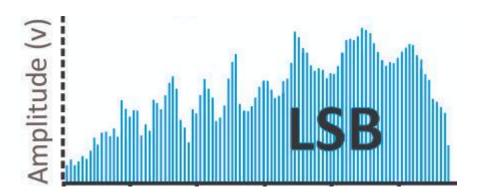
Now, what about Sideband? Upper or lower sideband is not that different, since they are mirror images of each other. Let's look at an amplitude modulated signal from a different point of view...

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Now, using 40 meters as an example, if you strip this signal of its center carrier wave transmission, and you are left with a *double sideband* signal that supplies all of your voice information!

But we are greedy for the *best bang for the buck*, so we also strip out one of the two mirror sidebands. Since we are using 40 meters as an example, we strip away the upper sideband and amplify and transmit the lower sideband as our final signal.



Unlike AM and FM, it is quite easy to see an SSB signal and you can even tell if it is Upper Sideband or Lower Sideband:

(Continued from page 21)



Notice the *lopsidedness* of the wave form, like someone cut off the righthand half of it? Because that's *exactly what they did!*

Put it ALL together, and what do ya get?



Well, now YOU can recognize *The Usual Suspects* on the Ham Bands.

Grab a panadapter and take look around for yourself!

Vy 73,

Roy AC2GS

(This article is based on an answer to a question posed during the recent Ham Radio University Session that I hosted with Andy WA2CDL. Remember that the Kings County Radio Club's Technical Net is held every second and fourth Wednesday on KC2RC 146.730, at 9 PM. And don't forget the LIMARC TechNet every Sunday night at 8 PM. You can always submit your questions or refute our answers by emailing them to mailbag@AC2GS.com!)

NUMC THANK YOU FOR TOYS FOR TOTS 2018 TOY DRIVE DONATIONS



January 6, 2019

Long Island Amateur Radio Club PO Box 392 Levittown, New York 11756 Attn: Richie Selzer

To Our Dear Friends of the LI Amateur Radio Club;

On behalf of Nassau University Medical Center, we would like to thank you for your annual donation of toys on December 16 2018, as well as your encouragement to our program. We deeply appreciate your generosity.

Nassau University Medical Center is a teaching hospital that has been a primary source of medical care for millions of Nassau County residents since 1935. We are committed to providing the best possible care to the residents of Long Island and recognize the generous support of our caring community. Your contribution exemplifies the strong compassion of the people we serve.

We hope you remain involved with the hospital and continue to support our work and efforts. We can be reached at 516-572-5841 to set up a date and time for visits throughout the year. Once again, we thank you for your support and good-will. Wishing you and your family a happy and healthy new year.

Sincerely,

Heather Spanfelner, BS-ATH Activities Specialist I

Michele Silvestri, ATR-BC, LCAT Director of Therapeutic Recreation & Volunteer Services

Affiliate of Northwell Health®

2201 Hempstead Tumpike • East Meadow, NY 11554 • 516 486 NUMC • www.nuhealth.net



Rich Selzer, N2WJL and his granddaughter delivering LIMARC

Toys for Tots donations to NUMC.

FREE MONEY FOR LIMARC EVERY TIME YOU SHOP !!!!!

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.

Can I use my existing Amazon.com account on AmazonSmile?

Yes, you use the same account on Amazon.com and AmazonSmile. Your shopping cart, Wish List, wedding or baby registry, and other account settings are also the same.

How do I select a charitable organization to support when shopping on AmazonSmile?

On your first visit to AmazonSmile (smile.amazon.com), you need to select a charitable organization to receive donations from eligible purchases before you begin shopping. We will remember your selection, and then every eligible purchase you make at smile.amazon.com will result in a donation.

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 23)

& 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.

Can I receive a tax deduction for amounts donated from my purchases on AmazonSmile?

Donations are made by the AmazonSmile Foundation and are not tax deductible by you.

How can I learn more about AmazonSmile?

Please see complete AmazonSmile program details.

REMINDER

LIMARC is a 501(c)(3) not-for-profit corporation. As such, all monetary donations are tax deductible, and donations of 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 rfi@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.

Long Island Mobile Amateur Radio Club

Long Island Outdoor Hamfest Sunday, June 09, 2019 Former Briarcliffe College Parking Lot 1055 Stewart Ave., Bethpage, NY 11714

Doors Open at 9AM to Buyers

Vendors Set Up at 7:30AM

Amateur Radio Dealers & Equipment ~ Tune-Up Clinic (Get you Rig Checked!)

Television, Computer, CB Equipment, ARRL Information

Long Island Mobile Amateur Radio Club Information DXCC and WAS Card Checking

General Admission \$6 Entry at 9:00 AM

ADMISSION FREE TO CURRENT LIMARC MEMBERS !!!!!!

Free Parking! Food & Refreshments! Door Prizes!

SELLERS > All Spaces are \$10.00 each or 3 for \$25.00.

Admission for each person including the main seller is \$6.00 each.

No pre-registration is necessary.

Over 600 outdoor tailgate spaces are available! Gates open at 7:30 AM for Sellers.

Bring your own table, chair, or umbrella!

Vendors Must Comply With NY State Sales Tax Laws as applicable.

The sale of guns, ammunition or pornographic material is prohibited.

SELLERS MUST PACK UP THEIR OWN GARBAGE AT CLOSING

Talk-In on W2VL Repeater 146.850 (136.5 PL)

For more information, see www.LIMARC.org

or contact our Hamfest Chair at 516-694-4937, or email us at Hamfest@limarc.org

Richie K2KNB

Directions

From Long Island Expressway: Take LIE to exit 44S (Seaford-Oyster Bay Expressway-Rte 135) South to exit 9 (Broadway, Bethpage). Make a right turn onto Broadway and bear right onto Cherry Avenue. Go past Bethpage High School and at the light make a right turn onto Stewart Avenue. Go past the flashing light and look for 1055 Stewart Avenue on your left - watch for the Hamfest entrance.

From Northern State Parkway: Take the Parkway to exit 36A South (Seaford-Oyster Bay Expressway-Rte 135) and follow directions above.

From Southern State Parkway: Take the Parkway to exit 28AN (Seaford-Oyster Bay Expressway-Rte 135) North to exit 9 (Plainview Road). Make an immediate left at the bottom of the ramp (under the Expressway) onto Broadway and follow the LIE directions above to the site.

*** http://www.limarc.org &/or http://www.limarc.org/fest.htm ***

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.kjielectronics.com



www.dxengineering.com



- www.qsradio.com

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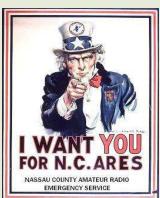
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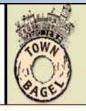


All Nassau A.R.E.S. Members

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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DISCOUNTS TO LIMARC MEMBERS

Show Your Membership Card

Ask for Jeff

VE Testing Schedule for 2019

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 2019 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.

2019 SESSION DATES AND TIMES AS POSTED

Mar 9th 1PM May 11th 1PM

July 13th 9AM Sept 14th 9AM Oct 27th 10AM Nov 9th 1PM

2019 Meeting Schedule

All general meetings are held at: Levittown Hall 201 Levittown Parkway, Hicksville, NY. Meetings start at 8:00PM. ** Exception June 11th will be at the Merrick Golf Course.

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

LIMARC AT A GLANCE-2019

Month	Bd. Meeting	General Mtg	VE Session	Hamfest	Other
Jan	2nd	9th	12th		SATURDAY 5 - HRU
Feb	6th	13th	24th	24th	
March	6th	13th	9th		
April	3rd	10th			
May	1st	8th	11th		
June	5th	11th **- MGC		9th	FD - Jun 21-23
July	TBD	TBD	13th		
August	NONE				
Sept	TBD	11th	14th		
Oct	TBD	16th	27th	27th	
Nov	TBD	13th	9th		
Dec	TBD	11th			

Welcome 2 the Voice of LIMARC

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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

3rd and 4th Wednesday, Computer Net with Ken WB2KWC

Sunday: Tech Net, 8:00 PM - Dick K2RIW, Net Control

1st and 3rd 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

Published monthly except July & August

LIMARC Officers					
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Ken Kobetitsch	KD2GXL				
George Sullivan	WB2IKT	(516) 749-8493			

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

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From The Editor

Please send all items for entry into the LOG to <u>W2CTG@LIMARC.org</u>. 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