



# The QUARAE



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Editor John Lindvay

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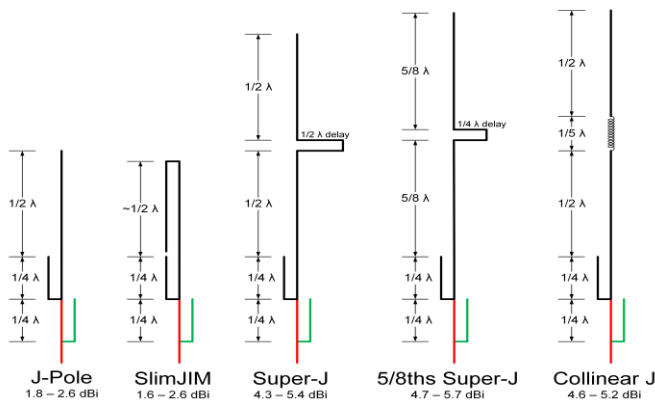
## October 1969 Erie Amateur Radio Organizations

Erie Metropolitan VHF Society, Tri-State Emergency Net, Lake Erie Emergency Net, General Electric ARC (WA3MOP), McDowell ARC (WA3GMV), Behrend ARC, Corry ARC, A.T.E.S. Technical School ARC (WA3GYB), AREC, RAE (W3GV), and Erie County RACES

Senility has been a smooth transition for me

## J Antenna Design from Amateur Radio Newsletter Issue 195

### J antenna and variations thereof



Here we see five variations on the basic J antenna (aka J-pole). Key takeaways include:

- The basic J and SlimJIM configurations **operate identically** for all practical purposes.
- The Super J is an easy way to obtain gain towards the horizon.
- The 5/8ths Super J represents the most bang for the buck for gain.
- The **Collinear J** provides the benefits of the Super Js in a slim package.
- If on a conductive mast (red) a **mast decoupling stub** (green) provides essential

RF isolation while preserving a **direct path to ground**.


Kids today don't know how easy they have it. When I was young, I had to walk 9 feet through shag carpet just to change the TV channel.

## A Look at Future DXing

From an Article by WA8VBY in the October 1969 QUA-RAE Issue

Astronaut Neil Armstrong's first steps on the moon not only began a new chapter in the history of mankind, but for the hobby of DXing as well. The Apollo 11 flight and two preceding it were giant steps ahead in communication as were the first transatlantic tests in the 1920's. Those tests marked the beginning of the hobby as we know it today as the communications from the moon give us a glimpse at the future of our hobby.

No longer will "DX'peditioners" have to scour the earth for new countries, the pace at which new space colonies will spring up will undoubtedly keep ahead of them. Even before widespread civilian travel is allowed in space the high number of hams



**Radio Association of Erie Club Meeting – Thursday March 1<sup>st</sup> at the Red Cross Bldg. located at 4961 Pittsburgh Ave.**

**7:00 PM- General Meeting Program: TBA**

in NASA and the Soviet program will put some of these spots on the air. What better way to spend leisure time in space than talking to the outside world.

Plans are already underway by NASTAR (Nassau College Amateur Satellite Tracking) in project "Moonray" to put a ham repeater or transponder on the moon in the third Apollo lunar landing. Worldwide communications between stations will become common on two meters and above. Five band DXCC in the year 2000 may have two meters occupying the position 80 meters does now. The parabolic dish will replace the faithful tri-bander. The hobby of DXing faces a future as equally bright and exciting as its past.

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A recent study has found women who carry a little extra weight live longer than men who mention it.

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JOTA-JOTI 2018 Mark  
Your Calendar — 19 to  
21 October

#### USA JOTA 2018 Patch

The patch design for USA Jamboree on the Air 2018 has been selected by the National Radio Scouting Committee. BSA Supply is now in the manufacturing process with patches expected to be available this summer. Watch, too, for the World JOTA-JOTI 2018 patch design which will be announced in late summer.

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A thief broke into my house last night. He started searching for money so I woke up and searched with him.

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## CQ100

Fellow hams that we know, are now in nursing homes. In most cases they want us to put up antenna, and ham radio stations in their respective homes. These hams or we must negotiate with the

nursing home staff for permissions that do not come. The only recourse to ham radio is 2 meter FM transmissions thru local repeaters. Even that is a something that we cannot at all times get permission. However, there is CQ100. I first learned about CQ100 from Don Eller, K3GY who is now living at brevillier village. It is a computer program that can be downloaded and run from a basic laptop. The operation is very familiar to hams and instead of sending a signal out over the ether, the signal goes out to its destination thru the internet.

"QsoNet uses the internet to receive audio signals from a ham radio transmitting station, then instantly reflects the audio back to all stations listening on that frequency. There is no RF. Everything is done over the internet. The result is a simulated ionosphere for worldwide amateur radio communication. Stations can use voice, CW, PSK and FSK modulation.

QsoNet works with dialup, DSL and cable internet connections. There is no need to configure router ports. The network consists of an array of internet servers which provide streaming voip audio between stations. After installing transceiver software, QsoNet stations are connected to a central server by a single, outbound TCP connection.

The rules are for use of QsoNet is restricted to licensed amateur radio stations.

Operators are expected to use normal radio procedure - For example:

1. Identify your callsign frequently..
2. Always be courteous. Do not use a frequency that is already in use.
3. Do not use voice on the CW portions of the bands.
4. Do not engage in commercial activity. No advertising.
5. Do not transmit music."

You can try out CW100 by going to <https://www.qsonet.com/programs.html>. It is free

for the first 30 days and on Sundays. After 30 days you pay \$39 a year.

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Why do we drive on a parkway and park on a driveway?

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# HAM Calendar

March 1 – RAE Club Meeting

March 3 - ARRL International SSB DX Contest.  
See [www.arrl.org/arrl-dx](http://www.arrl.org/arrl-dx)

March 3 - Novice CW Rig Roundup. See  
[novicerigroundup.com](http://novicerigroundup.com)

March 6 – Corry Amateur Club Meeting

March 8 – Union City Amateur Club Meeting

March 10 - Oklahoma QSO Party. See  
<http://k5cm.com/okqp.htm>

March 10 - Idaho QSO Party. See [idahoarrl.info](http://idahoarrl.info)

March 11 - North American RTTY Sprint. See  
[ncjweb.com](http://ncjweb.com)

March 11 - Wisconsin QSO Party See  
[www.warac.org](http://www.warac.org)

March 11 - Warren County Hamfest in Youngsville,  
PA. See <http://www.kb3bsa.com>

March 11 - **Pennsylvania Charter Day, WM3PEN**,  
Philadelphia, PA. Holmesburg Amateur Radio  
Club. 14.280 7.230. QSL. Holmesburg ARC, 3341  
Sheffield St, Philadelphia, PA. 19136. See  
[www.harcnet.org](http://www.harcnet.org)

March 13 – Wattsburg Club Meeting

March 17 – St. Patrick’s Day

March 17 – VE Exams

March 17 - Louisiana QSO See  
[laqp.louisianacontestclub.org](http://laqp.louisianacontestclub.org)

March 17 - Virginia QSO Party See  
[www.qsl.net/sterling](http://www.qsl.net/sterling)

March 19 – Conneaut Club Meeting

March 22 – Skywarn Presentation