

QRZ NEWS

A MONTHLY PUBLICATION OF
SOUTHERN PENNSYLVANIA AMATEUR RADIO CLUB, INC
PO BOX 422- Mount Joy, PA 17552

(Founded June 1960)

AN AFFILIATED SPECIAL SERVICE CLUB OF THE ARRL, INC.

“Public Service through Communication”

Website: WWW. K3IR.org

Email address: k3ir@arrl.net

Repeaters: 145.230 - 449.975 - Packet 145.030 - ATV 923.250, FN10se

Club site 1715 Breneman Road, Rapho Twp. (Manheim P.O. 17545 NO DELIVERY)

June 2016

President's Message

One Knot to Rule Them All

About this time every year, I pull out all the rope, line, and string that seems to collect in the bottom of my antenna buckets. Most of this will end up used in one form or the other at Field Day. This year Field Day is on June 25th and 26th. We will activate our club site.

Starting in Boy Scouts and having sailed for years, I have collected quite a few great knots. Some are basic like the square knot, the two half hitches, and the clove hitch. Others like the Masthead knot, one I wish never to have to *bend (1)* in my life, are used for specific purposes, for fashioning a temporary support for a dismasting far out to sea. Then there are the knots you learn just to impress. Not sure who, but I can tie a mean monkey's fist, look that one up.

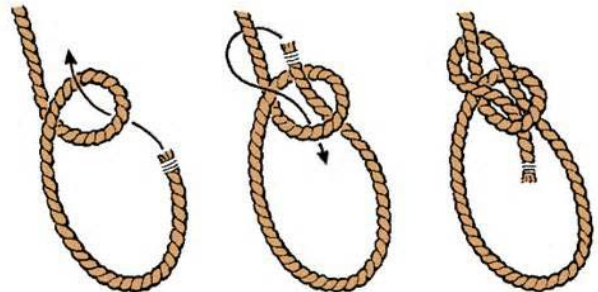
Of all the knots tied in my life the one knot that will get you by 95% of the time is the bowline. I know many will argue that it's just a knot used to make a loop, but that loop can be used to do what other more specialized knots can do.

Take the clove hitch. This knot is used to tightly secure a rope to a cylinder like a tree branch. A bowline wrapped around the branch twice then passing the *bitter end (2)* through will do the same thing, this is also known as a unning bowline.

Even the mighty square knot is no match for two bowlines. The preferred method of bending two ropes of dissimilar size or material type together is via two bowlines. This is because the *Bite(3)* of most knots is insufficiently sharp enough to hold when one is significantly larger or if one material has a different coefficient of friction.

The bowline is fashioned in a few ways. The basic way is the fox, tree and hole method.

bowline



Be mindful that the tree grows from the dirt and should be under the hole.

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The other ways to bend this knot, the one handed, with a bite, and my favorite the

Brooklyn garbage man style, will also get you where you need to be.

I encourage everyone to learn this one knot, come on out to field Day, and help put together the K3IR station. We will be out there on Friday afternoon getting things prepped and staged, and then again Saturday starting around 8 AM and going till 1 PM the following day.

Terms

(1) *To bend* - a knot is to fashion the knot. Many use the term tie a knot but the bend is the working part of the knot.

(2) *The Bitter End* - the end of the rope opposite the side that is tied. A term born from the sea it refers to the end you dare not let slip through your hand.

(3) *The Bite* - the part of the knot that creates the mechanical friction. In the case of a bowline, the bite is the part that loops over the tree.

Your President

Kevin Lampo

K3LLC

Sparc will participate in **Field Day**

June 25th and 26th,

at our site,

**1715 Breneman Road Manheim,
PA.**

The activities will start at 8AM Saturday and will run through the night. We will conclude operations around 1 on Sunday.

Guests are welcome to visit from Noon through 8PM on Saturday, and from 8AM till Noon on Sunday.

We plan to hold operations on Voice, CW, and digital modes. There will be attempts throughout the day to make a satellite contact as well.

We will operate a Get on the Air station for new ham operators or non licensed holders to try out an amazing experience.

Come out and watch what it takes to put a portable Amateur radio operation on the air.

Monthly Projects List

Sparc will hold monthly work days through the spring and summer at the site. We meet on the second Saturday around 9:30 AM. This is the same day as our monthly breakfast at Gus' Restaurant in Mt Joy.

Here are the scheduled tasks for the next three months. We have many tasks to complete this year and need all the hands to accomplish the list.

July 9th

- Hang new Heliac to top of tower
- Finish off the old Op building
- Install Wall insulation

Aug 13th

- Raise up Gin pole and Lower 2M 4 bay antenna
- Outdoor RF cable management
- Replace Repeater building AC unit

Sept 10th

- Rehang the 2M antenna
- Antenna to have new harness installed
- Bond antenna to Tower
- Connect to new Heliac
- Mount Propane Heater.
- Connect gas line

Coming Events

Tuesday 28 June 2016 7:00PM

Regular SPARC membership meeting at the SPARC club site 1715 Breneman Rd., Rapho Twp. (Manheim P.O. 17545 for GPS). The topic for the May meeting will be A Field Day wrap up session.

A short business meeting will follow.

Monthly Breakfast

The second Saturday of every month at 0800 is a SPARC breakfast at Gus's Keystone Restaurant, 1050 W. Main St, Mt Joy, PA. Contact [Gerry Wagner, KB3SSZ](mailto:Gerry.Wagner@KB3SSZ), for more details. Everyone interested in Amateur Radio is invited to attend. See <http://guskeystone.com/> for restaurant details.

Other Events

Aphelion in Harrisburg, Pennsylvania, USA is on

Monday, July 4, 2016 at 12:24 PM EDT
[\(Change city\)](#)

Distance from the Sun's center to Earth's center will be 152,103,775 km (94,512,904 mi)

Editor's Notes

Field Day is mostly for fun so come out and visit and/or participate. It is our biggest operating event of the year. You'll also get to see all the building progress over the past year. A lot has changed since last year.

As usual, I need articles for publication in this newsletter. Any Amateur Radio related topic and we stretch that definition pretty far. You do not have to be a SPARC member to become an author.

73, George, W3FEY

ARES/RACES



As part of the SPARC commitment to emergency communications, the SPARC repeater system is maintained as available for linking with other area repeaters.

Lancaster County RACES VHF Net is held on the first Tuesday of the month at 2030 hours local time on the 145.310 MHz repeater in Rawlinsville.

The Lancaster County primary ARES/RACES repeater is on 145.310 MHz with minus offset and 118.8 PL.

Pennsylvania RACES HF Nets are held at 3993.5 kHz LSB on all Sundays except holidays.

The statewide net is on the first Sunday of the month at 0800 hours local time.

The Central Area (including Lancaster County) net is at 08:30 local time.

EPA NBEMS Net, Tuesday, 7:30pm local EST, 3.5920mhz Mode: Olivia 8/500 1khz, Net Mgr: WA3WSJ@arrl.net

SPARC Nets

[SPARC holds nets every Tuesday at 2100](#) local time on 145.230 MHz minus offset and PL of 118.8. The [449.975MHz](#) repeater is linked to the 2m repeater for the net.

Club Officers

President Kevin Lampo – [K3LLC](#)
Vice President Scott Lithgow – [KN3A](#)
Secretary – Peg Hamm – [KB3SCA](#)
Treasurer – David St. Pierre - [AB3VJ](#)
Repeater Trustee - Dave Payne - [N3LOM](#)

Membership Info Update Request

Please send all changes of address, email, and ham status to me for the MDB to Gerry Wagner at 1309 Willow Creek Drive, Mount Joy, PA 17552 or Gerry.Wagner@ComCast.Net, Cell=717-344-1427,

Home Phone=717-653-0659 (Fax Opt); Skype
Thanks Gerry Wagner KB3SSZ

Nearby Nets of Local Interest

If you need information on access tones etc, the referenced web sites below will usually provide the information needed. For more information, see <http://arcc-inc.org/arc-fdbas.html>

Monday [Ephrata Area Repeater Society Lancaster County Two Meter Emergency Net](#) 9:00 PM on the 145.450MHz repeater.

Monday [Keystone VHF Club](#) Combined Club & ARES/RACES Net 8:30PM on 146.970MHz.

[Monday South Mountain Radio Amateurs](#)

SMRA Club Net 9:00PM on [145.430MHz](#)

YORK NETS - Summer TUESDAY

DIGITAL NET is on Summer Hiatus
Feel free to use this time for informal practice amongst yourselves
8:00 PM on 146.97 MHz repeater , PL 123.0 HZ

ELMER NET will continue
at 9 PM on the 146.97 MHz
repeater, PL 123.0 HZ

this NET is for newer HAMs and anyone else who may have questions, or wish to discuss projects.

Morse Code Net Tuesday, 2000 local time (8:00p). [SMRA](#) repeater 145.430- (67.0 Hz) with alternate frequency of 146.460+ (1,000 kHz offset, tone 67.0 Hz)

Wednesday York County SSB Net 7:45PM on 50.135MHz. Informal net getting started.

Contact Steve Cruse, K3WHC, for more information.

Wednesday [Pottstown Area Amateur Radio Club](#) 8:30PM 50.130MHz Contact [Leonard, WV3P](#) for more information.

Wednesday [Red Rose Repeater Association Net](#) 9:00PM on 147.015MHz.

Wednesday [QCWA Net](#) 9:00PM on 146.97MHz.

Thursday [Lancaster Radio Transmitting Society Net](#) 9:00 PM on 145.390MHz

PACKRAT VHF/UHF NETS

Visit the Mt Airy VHF Radio Club at: <http://packratvhf.com/airtimes.htm> for the latest information on VHF/UHF nets.

NTS Eastern Area Phone net

3.917 at 4:00 PM daily for traffic going to EPA, MDC, WPA and Maryland. We have a callup, pass any traffic, after that a round of comments. Traffic manager is WA3QPX. Net could use more checkins from EPA as we normally only get one checkin from EPA and sometimes none. This is where the Fone traffic for EPA net normally comes from. Any questions I will be on 3.917 at 4:00 PM. 73 , [Paul, WA3QPX](#)



Two EPA Nets Now Accessible via Echolink
Posted By: [egroups_n3sw](#) [egroups_n3sw](#)

Mon Aug 27, 2012 11:40 pm

<>The EPA AA3RG and Echolink Traffic Net (EAETN) has been accessible since its inception via Echolink at node AA3RG-R (#149493). See the group Calendar for more information. [*Thursday 8:00PM*]

<>Now the Capital Area Traffic Net (CATN) is also accessible via Echolink at node N3TWT-R (#743026). See the group Calendar for more information. All (*licensed hams*) are welcome to join in on these nets.

73 -Scott N3SW EPA STM-

AA3C note: To visit our group on the web, go to NTS-EPA Group web site:

<http://groups.yahoo.com/group/nts-epa/>

Both nets will utilize the 146.640(tx-) MHz.

Transmit access tone: 82.5 Hz.

AA3RG Repeater. <http://www.aa3rg.org/>

QRZ News Publication

QRZ News is published monthly. The deadline for submission of items for publication is 11 days before the regular membership meeting on the fourth Tuesday of each month. If material is not copy and paste ready for publication, more lead time is required.

We operate on an exchange basis with other not for profit publications. Articles printed in QRZ News may be reprinted in a not for profit publication provided proper credit is given.

QRZ News is archived at <http://www.k3ir.org/>

For Sale By SPARC

SPARC has the following items for sale to members or other interested Hams.

12 sections of used Rohn 25 tower - 10 foot sections - will need to be sanded and painted

2 top sections - tapered at top.

Most of the tower sections have surface rust but are solid. The top sections have had some of the cross bracing cut to accommodate rotor installation.

Looking for \$20 per section. Delivery can be arranged.

Also if you are building wire antennas we have a large quantity of insulated wire from 14 gauge to 18 gauge.

Contact Kevin, K3LLC or Harry, N3FMO

What History Forgot

A Japanese Amateur Radio operator provided vital communications assistance to the Signal Corp after a bomb cut their communications link on Dec. 7, 1941. The following excerpt from the November 2013 issue describes the incident. The complete article is available in the newsletter archive on the [SPARC web site](#).

“Within a half hour after the first bombs fell in Hawaii, the Signal Aircraft Warning Company, Hawaii, had manned all six radar stations and the information center. About 1000 a bomb blast cut the telephone wires leading from the Waianae station radar to the information center. The Waianae station commander at once sent a detail of his men to the nearest town where they confiscated a small 40-watt transmitter and antenna, together with the Japanese operator, who was prevailed upon to help install the set in the station. By 1100 the Waianae radar station was communicating with the information center by radio.¹”

The Japanese operator must have been an Amateur Radio licensee, else how would the signal officer have known about him. The radar station was on a 2000' hill just east of

¹ “The Signal Corps: The Test” pp 6-7

Waianae which is on the coast. The radar site is shown on the Lockard map above west of Pearl Harbor. Does anyone know who the operator was?”

I think I know who the Japanese operator was, but I cannot find prove it. By searching old Callbook records, only one Japanese operator can be found close enough to the Waianae radar site to have been found and pressed into service in just an hour. That operator is Charles Shinkatsu Nakamine, K6RPN, in 1941.

The Nakamine homestead was and still is at the bottom of the hill where the radar was installed. No one in the family knows of Charles ever talking about what happened on Dec. 7, 1941. Assuming Charles was the operator, he had just seen a top secret radar installation and would have been told that he must keep the information a total secret. Telling anyone would have caused huge problems.

The information was not declassified and reports published as cited in the original 2013 article until long after the war was over. It is unlikely that Charles was aware of that publication.

Charles Nakamine is very interesting. Charles graduated from [William McKinley High School](#) in Honolulu circa 1939. The School had a radio club station K6YAL.

W6YAK—Los Angeles Junior College Radio Club, B. A. Engman, 855 N. Vermont Av., Los Angeles, Calif.
K6YAL—McKinley H. S. Radio Club, Roy T. Kobayashi, 1031 S. King St., Honolulu, T. H.
W6YAQ—Sequoia Union High School Radio Club, Carl W. Olson, Redwood City, Calif.
Radio Amateur Callbook, Vol. 21, No. 4, 1940

A club page for K6YAL is displayed at the end of this newsletter. It just won't fit in a two column format and be of any use. Charles is in the lower right corner of the photo. The club call sign is a typographical error in the yearbook.

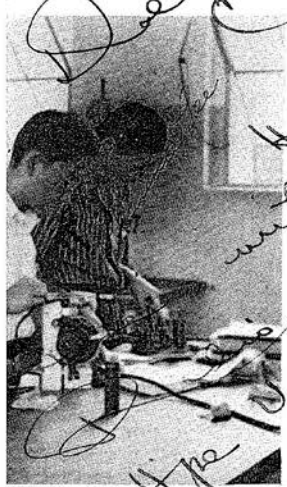
Clues to who the Japanese operator was probably still exist in the after action reports in the National Archives. When I see documentaries on TV produced by the [American History Channel](#), I am amazed at what their researchers can find. For example, how effective the Japanese balloon fire bombing in the Pacific Northwest was and

covered up with maximum secrecy for obvious reasons.

Unless someone with the time and inclination to dig into after action reports steps forward, this as far as this story will go. I don't like loose ends, but there is no more that I can do.

George, W3FEY

Yearbook photo next page.



Propagandists in the Making

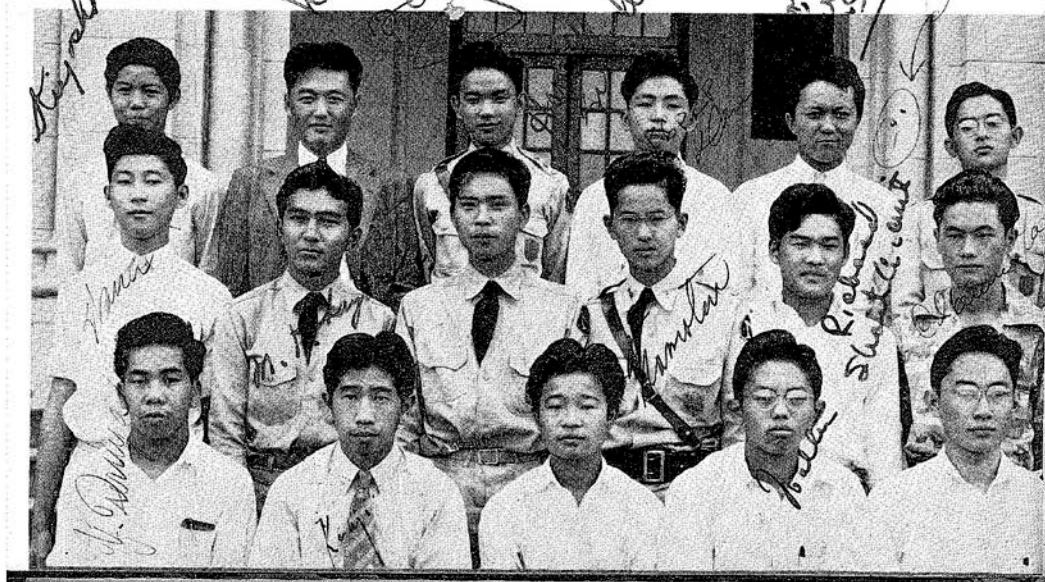
"Station K6&A1 calling CQ, CQ." This is what you hear when you pass the radio club room when McKinley's amateur "hams" are on the air.

While on the air, these boys under the advisorship of Mr. Yang, converse with fellow "hams" and exchange ideas and discoveries. Incidentally, McKinley has an amateur radio station and the boys probably wouldn't be surprised to have a call from darkest Africa because they contact and are contacted by "hams" from all parts of the world.

The Radio Club prepares interested students for radio work by means of practical demonstrations and talks. Its purpose is to promote further interest in the radio fields and it is evident that this aim has been well fulfilled, what with many of the boys talking radio, radio and radio.

"Now, let's see—it goes like this—ye!" smiles Clarence, while co-worker, Charlie, is busy reading directions. (Is he stumped?) Other Radio Club members are trying to get on the air over the amateur radio and are eager and expectant.

RADIO CLUB
Top Row: K. Yamahata, Mr. Yang, H. Sunada, D. Ebina, K6PZP; T. Teruya, K6PIN; R. Kobayashi, K6PUP. **Row Two:** W. Wakai, M. Kobayashi, T. Fujikawa, T. Akiyoshi, R. Takasaki, C. Lee. **Row One:** Y. Teruya, K. Fukata, Y. Teruya, W. Moriyama, C. Nakamine, K6RPN.



TH

Thanks to the Nakamine family for this interesting background information. It appears that Mr. Yang was Charles' Elmer.