The ORC Newsletter

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ORC Repeaters on 146.97 (-127.3PL), 224.18 (-127.3PL), 443.75 MHz (+127.3PL) - Callsign W9CQO
Web site: www.ozaukeeradioclub.org **Facebook: facebook.com/orcwi**

Volume XXXII	July, 2020	Number 7

From the President

de Pat Volkmann, W9JI

Field Day 2020 was a lot of fun with wide open bands and beautiful weather in northern Wisconsin. I was operating from my cabin in Dunbar, Wisconsin again this year. The weather was warm and sunny, leading to comfortable operating and fairly low noise on the lower bands. Ten and fifteen were open to the US and Canada and that is where I spent most of my time. All of my contacts were made on CW this year. The FT-8 setup had some trouble with RFI so it sidelined.

This year's temporary rule change for Class D stations was noticeable on the bands. Class D and E stations made up 80% of my contacts, with Class A & B stations making up the other 20%. I worked only 1 Class F station. The large number of people operating from their home station resulted in a lot of very strong signals rather than the usual assortment of anemic signals from temporary antennas.

Your Field Day entry can be made at http://field-day.arrl.org/fdentry.php. It is very easy to do online and only takes a few minutes. Remember to use "Ozaukee Radio Club" as your club name, not ORC. The ARRL will also accept paper entries. As of July 4th, there were only six entries listed for Ozaukee Radio Club. You have until July 28th to get your entry in, but don't delay. It's easy to forget and then miss the entry deadline.

The week following Field Day is when the 13 Colonies Special Event starts. This activity runs from July 1 through July 7th. The object is to work a special event station in each of the 13 colonies, along with two bonus stations. There are a number of people in the ORC who do this one every year. I did this one for the first time last year. Most of the stations are easy to work but there can be some big pileups from time to time. This is a great event for the July 4th holiday as the relaxed pace lets you participate in family activities and still have time to operate the contest.

The July and August meetings will be held on Zoom. I don't know how much longer we will be holding meetings this way but it will probably be for a while yet. The recent surge in the Coronavirus numbers makes it unlikely that there will be large group gatherings anytime soon.

For the July program, we will be discussing everyone's Field Day experiences. Send me some pictures of your setup along with a few comments. I'll put a presentation together with your input.

All club members should be receiving an invitation for the Club Zoom meetings from me at orc_pat_w9ji@outlook.com. Note: This is not the email that the groups.io reflector sends out when a new message is posted. The invitation goes out about an hour before the meeting. If you aren't receiving this email there are a couple of things to try:

1. Check your spam folder. If the email is there, mark it as "Not Spam".

2. Update your email address with the Club so we are sending the message to your preferred, working email.

3. Check that your inbox is accepting email. I get a couple of “Inbox is full” messages from members every month

4. You can send me an email at orc_pat_w9ji@outlook.com to test that everything is working.

That’s all for now. See you at the meeting.

Pat Volkmann, W9JI

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DX’ing & Contesting

De Gary Sutcliffe (W9XT)

Well, 2020 is half over. I sure hope the second half is better than the first half. Despite the situation in the rest of the world, there have been some good things in ham radio.

One of them has been the 6 Meter spring Sporadic E season. Some Magic Band experts say this one is the best in at least a decade. I talked about it in last month’s column. The band has been open just about every day, often most of the day and well into the night. Mostly it has been opening to other parts of the US. Multi-hop to the west coast has occurred frequently.

We have also had some good DX openings. We had one afternoon to Northern Europe. I worked several Norwegian and Swedish stations. I heard but was unable to work Finland, Estonia, Ukraine, and Aland Islands. We had one super opening to Japan, Korea, and a few local stations heard China. Unfortunately, I was shut out on this and am still looking to work my first Asian station. Other stations in the area added some nice contacts to their logs.

Despite a lot of missed countries, I have worked 28 different DXCC countries this season, of which six were new ones. That is the most countries worked on the band since 2001. I cannot afford too many more 20-year droughts!

It was also open a lot during the June VHF contest. Between DX openings, it is fun to chase grids for VUCC. I earned the VUCC award on 50 MHz back in 1986. Unfortunately, I do not know which grids I confirmed that long ago. Unfortunately, neither did the ARRL. Apparently, those records have been lost, so I am getting a new one, starting over.

One popular but exceedingly difficult 6 meter award is the Fred Fish Memorial Award. This is difficult because you must work and confirm every grid that contains land of the continental United States. Only about 10 people have accomplished it. With the great conditions, I know one ham in Madison and one in Illinois completed it in the last month. Ken, W9GA, is closing in on the 488 needed grids and has picked up a few new ones this season.

HF DXpedtions have been pretty much shut down but there have been a few VHF grid DXpeditions to the tougher ones. As I write this, there is one to EN67. This grid is mostly in Lake Superior with just a little land from Michigan’s Upper Peninsula.

Gary, K9DJT, has been active on 6M. Gary notes “Six meters in June always reminds me of going fishing. You know, it is like showing up at your favorite lake and talking with another fisherman who

says, 'Wow…you should have been here yesterday…they were really biting!' That proved to be true for me this past June."

Gary made 106 contacts on the band in June. His only DX was Cuba, but he worked 106 stations, mostly FT8. Of those, 59 were new grid squares. He has been linking JT Alert to WSJT. It highlights stations that are new grids. I use Logger32 for general logging. It has a feature to link to WSJT and automatically log completed QSOs. There is a band map of stations decoded. I set it up to highlight all time new countries in red, and new countries for the year in blue. New grids are highlighted in orange.

I hope you got on for Field Day. This was the 50th consecutive FD I participated in. The majority of the stations I worked were 1D – home station, commercial power. Reports are that about 75% of the stations participating were from home using commercial or emergency power.

Hopefully, it will get back to normal next year, but it was nice not spending three hours in the hot sun tearing everything down after being worn out from operating all night.

It will be interesting to see how we all did as part of the July meeting. Be sure to send your score, regardless of how small it is. We did great as a group in the WiQP back in March. We will see how we do in FD.

When you send in your logs, be sure to enter "Ozaukee Radio Club" as the club. Not ORC, not Ozaukee RC, or other permutation. If you do, you run the risk of being listed as the only entry.

The ARRL has a contest log entry page. Because FD is so complex with all the different categories and bonus points, they have a special site just for FD. Be sure to use the right one. https://field-day.arrl.org/fdentry.php

There are a few contests in July. The big one is the IARU contest. It is a 24-hour contest. You can work anyone and work them once per band/mode (CW/Phone). It starts at 1200 UTC (7:00 AM local) on Saturday July 11 and runs 24 hours.

There are a lot of categories so you can pick your own. Phone only, CW only, and mixed mode. Each of these has high, low, and QRP levels. You can also run Single Operator without spotting assistance, or Single Operator Unlimited.

Send a signal report and the ITU zone. We are in Zone 8. Do not get that confused with the CQWW zones. QSO points vary depending on if they are your zone, a different zone in your continent or a different continent. There are special stations that are the headquarter stations of the different country's national radio organization. Most of them have HQ suffixes. The US station is NU1AW. Multipliers are the total number of zones on all bands plus the number of HQ stations per band. For more info check out the rules at http://www.arrl.org/iaru-hf-world-championship.

VHF enthusiasts will want to check out the CQ WW VHF Contest. It starts at 1800 UTC (1:00 PM Local) Saturday July 18 and runs to 2100 UTC on Sunday. This contest is only for 6 and 2 meters and you can operate single or all band. There are also categories for rovers and Hilltoppers. The last category is for people who want to go to a good VHF location and operate for a maximum of six hours. The exchange is your grid square. If 6 Meter conditions continue, this one could be a lot of fun. Full rules at https://cqww-vhf.com/rules.htm.

Another contest is the North American QSO Party summer RTTY event. Unfortunately, it overlaps the CQWW VHF contest. It starts at 1800 UTC on Saturday July 18. It runs 12 hours, but you can only operate 10 of them. The exchange is your name and state (or Canadian province or DX country). This is the RTTY event. CW and SSB events are in August. There are 6 NAQPs each year and it has been discussed in detail many times in the past. Rules are at https://ncjweb.com/NAQP-Rules.pdf.

DXpeditions continue at an extremely low level due to COVID-19. Some scheduled for the fall are now being cancelled or postponed. Maybe there will be something interesting next month.

For you FT8 fans, there are some special event stations on commemorating the 3rd anniversary of the FT8 Digital Mode Club. 9K8FTDMC will be on from Kuwait. A60TDMC is on from the United Arab Emirates, and A91FTDMC will be on from Bahrain. They will be on for the entire month of July.

COVID-19 has taken a toll on ham meetings, hamfests, and big events like Hamvention®. Ham meetings have moved over to virtual meetings with Zoom and other online tools. Now there is going to be a virtual ham expo on August 8-9. It is the creation of Eric Guth, 4X1UG. Eric does the popular weekly QSO Today podcasts which are 1-hour interviews with hams doing exceptional things in the hobby.

There will be 70 speakers over that weekend, covering many aspects of the hobby. I am told the schedule should be available soon. There will be an exhibitor area where you can visit virtual booths, collect brochures and other materials, and converse with people from the company. About 30 companies have signed up so far, including Unified Microsystems, Slinger Wisconsin's largest ham radio manufacturer. (www.unifiedmicro.com)

Attendance at the QSO Today Virtual Ham Expo 2020 is free for early bird registrations. I don' know if there will be a charge as we get closer to the date. If you think there is a possibility you will want to attend, register now to get the free tickets, and tell your friends too. https://www.qsotodayhamexpo.com/

That wraps up July. Stay cool. In a few months we will be complaining about the heat.

Upcoming ORC Monthly Meeting Programs

July – ORC Members Field Day Report
August – Home Brew Night??
September – Virtual Shack Tour

Home Brew Night

Last year at the August meeting, we had our first Home Brew night. Members brought in examples or pictures of projects they had worked on. It was a lot of fun seeing what everybody had been up to. We will be doing the same thing again this August. If you would like to share your project, send me some information on what you have done. It can be a PowerPoint presentation (3 slides max!), some pictures or bring it in and show it off. You still have plenty of time to work on something.

Virtual Shack Tour

I would like to try a Virtual Shack Tour this year at the September meeting. The format would be simple – take a couple of pictures of your shack and talk about it for a few minutes. As we get closer to September, I'll provide some more guidelines for format, what information to share and how much time to allow. I'd be interested in hearing from you before then to see how many people would be interested in talking about their shack.

Creating a Presentation

Almost all of our presenters use Microsoft's PowerPoint to organize and present their information. If you don't have access to or aren't familiar with PowerPoint, there is an alternative. The Open Office package contains Impress, which is similar to PowerPoint. Impress is easy to use and available at no charge. You can check out OpenOffice here: http://www.openoffice.us.com/

The monthly program is the highlight of the Ozaukee Radio Club meeting. We are fortunate to have a number of very talented people in our club, many of whom have shared their knowledge through a presentation. Share your expertise and experience with the club. Programs can be on any topic that is ham radio related. Contact Pat Volkmann W9JI at w9ji@arrl.net to discuss your idea for a program.

THE COMPUTER CORNER
No. 268: A Quick Printer Fix

Stan Kaplan, WB9RQR 715 N. Dries Street Saukville, WI 53080-1664
(262) 268-1949 wb9rqr@att.net

What a pain! You just finished something rather important and want to print it, so you send it to your printer and nothing happens! The printer icon is in your tray, but the darned machine never starts printing. So, you want to stop that job and restart it, without the bother of restarting the whole computer. Double-clicking the printer icon gives you something that says you can cancel all jobs, but it really doesn't work. What to do? You can reboot the computer and try to print again (after turning the printer off and back on), but that frustrating waste of at least 10 minutes of your time does not always work, either. Here is a simple fix that often (maybe not always, but often) will prevent having to reboot both the printer and the computer, courtesy of Majorgeeks (https://www.majorgeeks.com/content/page/reset_and_clear_print_spooler.html). You can get the simple batch file shown below in red from there, or you can highlight it on your screen and copy it to a text file and save it as ***Reset and Clear Print Spooler.bat***, then run it by double clicking it. Here is what it contains:

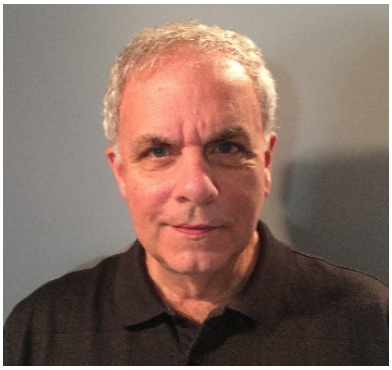
```
:: MajorGeeks.Com
:: How to Reset and Clear Print Spooler in Windows
:: https://www.majorgeeks.com/content/page/reset_and_clear_print_spooler.html

@echo off
powershell -windowstyle hidden -command "Start-Process cmd -ArgumentList '/s,/c,net stop spooler & DEL /F /S /Q %systemroot%\System32\spool\PRINTERS\* & net start spooler' -Verb runAs"
```

The stuff on the lines after a double colon (::) consists of labels for your reading, while everything after the "at sign" (@) is the actual batch file program read and executed by your computer. In essence, it stops the print spooler, clears all the print spooler arguments, and restarts the spooler. It will reflect all that on your screen for you to read so you can see what is happening. Then, try your print job again. Quick, nifty, and it often solves the problem.

Fred Schwierske, W9KEY, is interested in knowing about all the "reborn" computers I have put out there with Linux on them. If you have one, what favorite software (ham radio or otherwise) are you using with them? What games, utilities or other software do you use with them? Fred says he will be adding the Libre Office suite, but, Fred, that already comes with the Linux Cinnamon 19.3 package, the latest and greatest. Anything else? Any underlying tips or tricks you can suggest? Write a note with this info and send it to fred.schwierske@gmail.com and copy me, as well. Or send to me (address below the byline above) and I'll be sure to send a copy to Fred. Happy computing!

Vintage Amateur Radio

de Bill Shadid, W9MXQ



Welcome to the Independence Day Holiday to my fellow Ozaukee Radio Club members and other friends that read this column.

Because of Field Day and this holiday weekend I find myself a bit behind on my writing. Also, at this time there are several projects on my workbench that will lead to future articles. That work is delayed a bit. It is summer, don't you know?

This installment is going to be a bit different. We will discuss the approaching articles in my latest series with focus on several radios. Included will be some returns to previous subjects now discussing restoration issues encountered to get them running, new radios models that extend series coverage from some past articles, and some completely new topics.

I will show six article projects that are coming – complete with some initial pictures and basic information leading into the series. The information below is not in order of the appearance of the articles nor a promise that all six will be in succession. Some are still in process so more work is necessary before the article can be written. As always – some burning radio obsession could be injected into the progression of the series!

To start with, the Swans "twins" recently covered required quite a bit of work to get them operating 100%. These uncommon units include the Custom version of the 600-R Receiver, the 600-T Transmitter, and the 600-SP Speaker/Phone Patch.

Swan 600 Twins

Swan 600-T Transmitter and Swan 600-R Custom Receiver

W9MXQ

An upcoming article will detail these radios return to operation. Their arrival netted fair working condition, but they became problematic. They were analyzed, repaired, and now work very well in the way they were intended as released new in the 1970's. This behavior is not untypical of old radios that have been stored (25+ years in the case of these radios). Even though brought back to life with a combination of slow voltage bring-up (using a Variac) and current monitoring, they ultimately failed. "Bringing radios back," as we like to say for this method, is much of the time something less than 100% successful in the long term.

Then there is another Swan – identified as the "Swan Song of Swan" Vacuum Tube Radios. The Swan 750cw is the last version of the radio originating as the Swan 350 back in 1964[1]. It is the very last of the two-tube final amplifier design. Swan referred to this radio as the "CW Operator's Dream." I will expand on that, and other points, in a future article on this excellent transceiver. Meanwhile, check these pictures of a Swan 750cw:

Swan 750cw HF (80-10 Meter) SSB / CW Transceiver

W9MXQ

Swan 750cw Station
Shown with the PSU-3 Power Supply/Speaker

W9MXQ

The PSU-3 AC Power Supply/Speaker is a gem and is a substantial upgrade over the 117x and 117xc (Power Supply alone and with Speaker, respectively) that had been in service with Swan transceivers since the time of the Swan 240. The improved PSU-3 will be covered in the article along with the Swan 750cw.

A special hard to find item is next. In 1969, Icom (then called Inoue[2]), produced what was quite close to a set of separates (separate receiver and transmitter). They were like what we now call hybrids. That is, both tubes and solid-state design in the same product. This would be the Inoue (Icom) IC-700R Receiver, IC-700T Transmitter, and IC-700PS Power Supply/Speaker.

The IC-700T transmitter half of the pair was not a standalone. It had no included VFO, so it had to be connected to the IC-700R for transceiver operation – its only option. The receiver had RIT to allow some deviation (+/- 3 kHz) between receive and transmit frequency. Other similar units in the marketplace with this format were the Drake TR-44 and TR-44B Receiver/Transmitter and the Atlas RX-110 Receiver paired with the Atlas TX-110 Series Transmitters. The Inoue (Icom) IC-700T transmitter used a pair of then common 6146B tubes in the final amplifier and additional tubes in the driver and lower level transmitter circuits. Look at this diminutive pair:

Inoue IC-700R – IC-700PS – IC-700T

W9MXQ

Another radio is one that Bob Bailey, WB9PCU (now W9DYQ), and I operated together at Field Day, in 1975, back in our hometown of Bloomington-Normal, Illinois. We used a radio (not owned by us) that was to become known as the first major attempt by Kenwood to sell product in the USA.

The radio referenced is the Kenwood TS-511S. It followed the successful (outside the USA and Canada), TS-510S. The TS-511S was known outside the USA as the TS-515S.

Look at this genuinely nice example of a complete TS-511S station:

Kenwood TS-511S HF (80-10 Meter) SSB/CW Station
TS-511S HF Transceiver (Center) with PS-511S AC Power Supply/Speaker (Left) and VFO-5SS External VFO (Right)
W9MXQ

For a Drake collector, one of the crowning achievements is finding one of the rarer models. That would be the TR-4CW/RIT – the end game for Drake vacuum tube transceivers. Essentially the Drake TR-4, as it is known generically, includes the TR-3, the TR-4, and the TR-4C. The TR-4C was the basis for the TR-4C itself, the TR-4CW, and the TR-4CW/RIT.

The TR-4CW/RIT is the last version of the “C” series TR-4 and the end of the line started with the TR-3 in about 1963. Drake TR-4CW/RIT Transceivers were made in parallel with TR7 Transceivers at Drake for a short time.

Here is a picture of a fine example of the Drake TR-4CW/RIT:

Drake TR-4CW/RIT HF (80-10 Meters) SSB/AM/CW Transceiver
W9MXQ

The article coming on this radio follows other TR-3 and TR-4 coverage but also gets into electronic restoration of this unit and how it extended the life of this venerable model line by adding long-desired features.

One last piece of equipment for an upcoming article in this series is an SSB/AM/PM/CW Transmitter from 1958, the Gonset GSB-100. This was one of the multitude HF Transmitters of the time as the manufacturers tried to market radios in the new and popular SSB mode – some like this one also had the FM mode (PM[3], here) included.

Check this picture of a true boat anchor – close to 100 pounds – GSB-100:

Gonset GSB-100 HF (80-10 Meters) SSB/AM/PM/CW Transmitter[4]

The GSB-100 was an acquired taste for many. Something I will describe. Power was modest with only 65 watts output on SSB and CW. There are a lot of interesting stories about this radio, including some of its circuitry being extracted from surplus WWII radios. Gonset had a matching Linear Amplifier (GSB-101) and Receiver (G-63) that went along with this transmitter to make up a complete station.

Stay tuned for more information on all these interesting units in the coming months.

I like to have rare or unobtainium[5] items in my collection. I enjoy a mystery and the conversational topics that such mysteries can generate. Over the years, along with good friend and fellow collector, Bob, W9DYQ, I have aspired to competence in figuring out how to make rare and unusual ham radio equipment return to operation as originally designed. This is not a gift – rather, it is a result of hard work and attention to detail. And, it is not generally a lone wolf pursuit. Input and assistance from friends and fellow collectors are critical contributors to success. Another person significant in my pursuit has been Pat, W9JI. Pat has remarkable skills in analysis – and is a significant collector and restorer. But even to mention Bob and Pat is to leave out others who have individual and related talents in small pieces of the process.

Some of the radios shown herein are somewhat rare. If any of you have experience with any one of them, please let me know – I am looking for first-hand (first person) personal experience notes to be included in these upcoming articles. Just as important would be contacts from people that you know as past or present users of these items.

A special thanks go to Bob, W9DYQ, for his proof reading. And, I appreciate that you read my articles. Remember that I am open to questions and comments at my email address, W9MXQ@TWC.com.

Notes:

[1] This the year that I was licensed as WA9MXQ. Swan 350's and WA9MXQ (now W9MXQ) share the same anniversary in ham radio.

[2] In the early 1970's, Inoue (In'-oh-way) changed their name to Icom. Inoue was the name of the founder of what became Icom. Inoue had been a well-known producer of VHF FM equipment.

[3] PM is Phase Modulation. For now, think of it as FM – it is perfectly compatible with FM detectors. It varies the instantaneous phase of the carrier wave – and is recognized by the demodulator in a receiver the same as frequency modulation.

[4] Picture Credit: http://www.oldtuberadio.com/gonset-gsb-100/

[5] This is found in a Bing search https://www.bing.com/search?q=unobtainium&form=QBLH&sp=-1&pq=unobtainium&sc=8-11&qs=n&sk=&cvid=B5C9BABB6A5C4B2CAC5B5375B8ECE7C1

W9MXQ

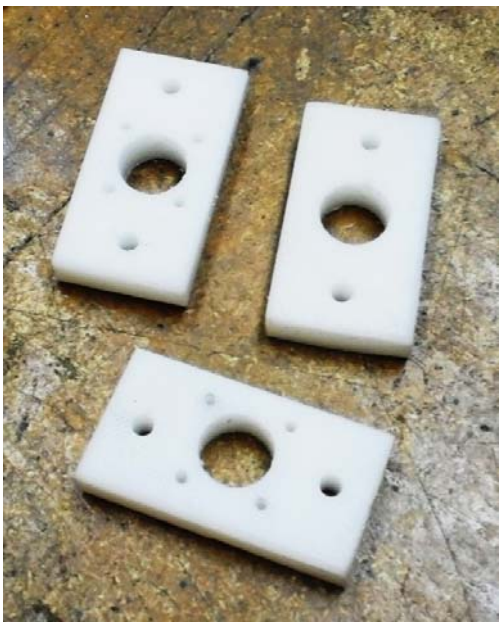
Project of the Month©

de Gary Drasch, K9DJT

Dipole Center Insulator

Well, after a short hiatus, I decided to jump back into this well-know and recognized newsletter. This month's project is about building your own *dipole center insulator*. I decided that during Field Day, I would like to be able to move an RG-8X coax, and bead-balun, from one dipole to another. Specifically a 20, 40, and 75 meter. In addition, I've added a 40m NVIS folded dipole to my arsenal. My thought was nothing could be any more convenient than having an SO-239 female coax connector at the center of each.

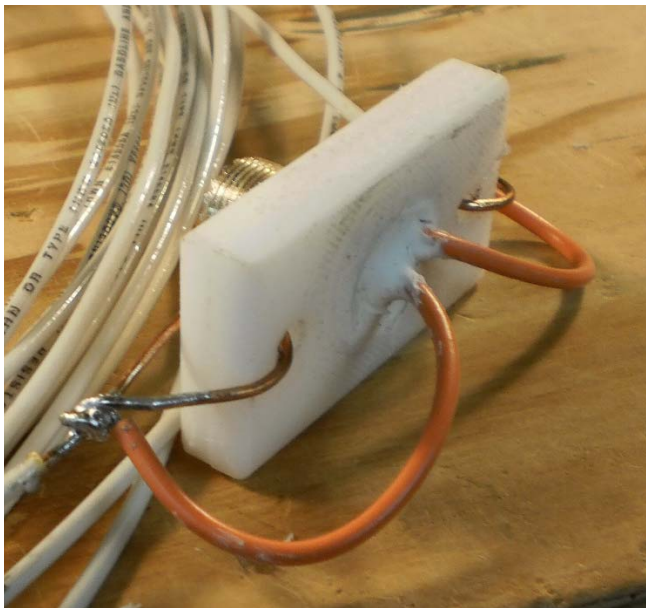
I came up with the idea of using a plastic cutting board for the insulating material while cutting up an onion for my omelet one morning. The XYL had three of these white boards in a kitchen cabinet and I figured she wouldn't notice one missing. So far she hasn't!



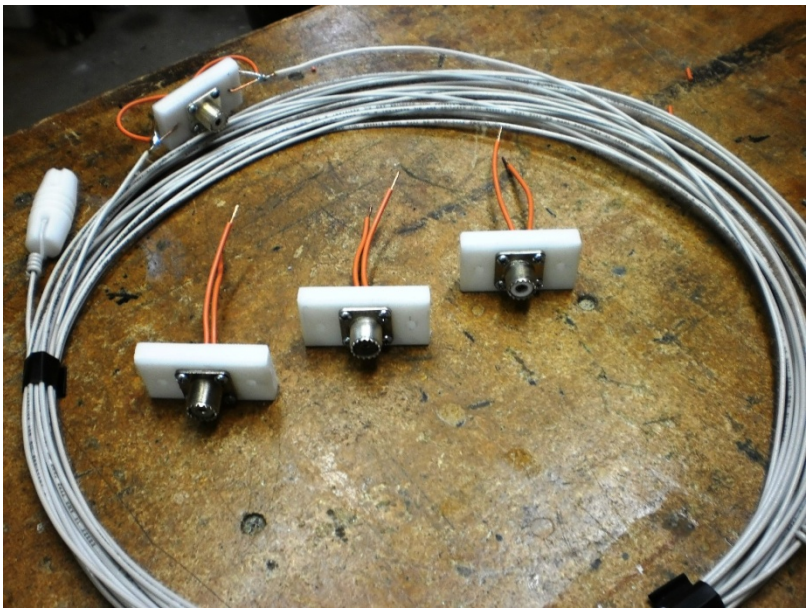
After the theft, I began by laying an SO-239 on the large board and sketched on some approximations. Then I used an adjustable T-square and came up with some real dimensions for the four rectangles. I am not sure exactly what type of plastic was used in the manufacturing of the cutting board. All I knew was it was plastic, and was a rather soft material. Having experience cutting PVC pipe using my radial-arm saw, I felt it would work for this too. Four rectangles were cut and a center line drawn lengthwise on each. Then I determined the center of each and center-punched the position for the SO-239 connector. At this point I adjusted the T-square for what I believed to be a reasonable dimension from both end edges for the wire

elements and center-punched those. Using a drill-press and a 5/8” flat paddle-drill, I drilled the center holes to accommodate the SO-239’s. After placing the connector squarely on top of each insulator, not through, I used an awl to mark all four holes of the connector flange. At this point I needed to drill six additional holes. A 13/64” at each end for the elements, and four 3/32” holes for the sheet metal screws that hold the connector. (You’re going to want to set a depth-stop so you don’t go all the way through the insulator with these.) Other than the 5/8” hole for the connector, the sizes of the other holes are up to you, just that you choose a correct size for the self-tapping sheet metal screws.

Now it’s time to do some soldering. I went through my wire collection and came up with some #16 stranded wire which I soldered to both the center-pin and flange of the connector. I eyeballed it in cutting the length and found them to be 4-1/2”. I reused that measurement for all four insulators. In order to keep water from accumulating at the SO-239 connections, I decided to fill the opening with DAP latex caulk.



OK, the only thing left to do is to fasten the elements to the insulator. I simply passed the bared ends of the antenna wires through the holes at each end and twisted them closed. Then I stripped the ends of both stranded wires coming from the connector and wrapped each to the separate elements. A little solder at both connections and you’re done! (I did experience a little melting of the plastic insulator where the antenna wire came through the holes during soldering but nothing significant.)



The finished product is shown at the left. If I only have one coaxial line available, I can easily switch between antennas. If there are other operators who have a cable but no antenna, they can also make use of an uncommitted one.

If you have a project you’ve built, please share it with the club. If you dislike writing, send me some pictures, we can talk on the phone, and I’ll write it up for you.

73, Gary
K9DJT

Ozaukee Radio Club
June 10, 2020 Meeting Minutes

de Ken Boston W9GA

This ORC meeting was conducted via an online (internet) connection using the ZOOM app. Prior to the meeting start, those members who were able to access the 'waiting room' via phone or computer/webcam were then introduced into the meeting space hosted by Pat W9JI. At that time various audio and video connection issues were addressed for the members before the meeting began.

ORC President Pat W9JI officially initiated the meeting at 7:32 PM. As introductions were recognized when members checked into the meeting, a go-around was not conducted.

Committee reports:

SWAPMEET: Tom W9IPR updated on the fall swapfest; asking Ben K9UZ to update the fall fest flyer, to the late August date. There is still a possibility that it could be delayed or cancelled, as the county fairgrounds are closed through the end of July, which could be extended.

Tom KC9ONY reported that a battery failure in the UPS feeding the 220 repeater had failed, and was being addressed. He also referenced a problem with the 10 meter linking feature.

Mike KD9GCN commented on the club having a share in sponsorship of the WiQP winner's plaque, which is funded by ORC.

Gary N9UUR presented his Treasurer's report, which is emailed to the members. Mentioned was the revision of the language regarding the club's solicitation of donations to make up for the income shortfall, which is expected due to the cancellation of the Spring Swapfest, and the outlay for the new repeater amplifier.

Ken W9GA referenced the minutes of the May meeting, also emailed to the membership.

Program:

Ken W9GA gave a brief slide show that outlined some key elements of a stay-at-home FD event. After prior discussion and polling, the majority of the members considering operating Field Day this year were doing it as solo or two-member events from home. The slides presented detailed which categories or class of operation a station could declare; the ARRL rule changes which allowed class 1D ops to work each other for credit; which bonus points could be collected by home stations; logging programs with updates-N3FJP-N1MM-others; some data from our club results over the years. It was suggested that most who will get on will probably go 1D, but !B, 1Bb, !E could also be used. Pat W9JI would like those who run FD can send him some pictures and comments on their operations, and he would present them at the July meeting. A good roundtable discussion was held, with many detailing their potential plans.

Mike AB9ON mentioned that he had located several pictures or slides from FD 2008.

Adjournment:
30 (+1) members (unique call signs) were logged in. Contact Ken W9GA to obtain the list. Stan WB9RQR moved to adjourn, Bill W9MXQ seconded the motion, and motion carried. Meeting ended at 8:42 PM.

Respectfully submitted,

Kenneth Boston W9GA
Secretary

ORC Meeting Agenda

July 8, 2020

1. 7:20 – 7:30 PM – Check-In and Introductions
2. 7:30 PM Call to Order – President Pat Volkmann (W9JI)
3. Announcements, Bragging Rights, Show & Tell, Upcoming Events, etc.
4. Program – Field Day Reports from Members
5. President's Update – Pat Volkmann (W9JI)
6. 1st VP Report – Ben Evans (K9UZ)
7. 2nd VP Report – Bill Church (KD9DRQ)
8. Repeater VP Report – Tom Trethewey (KC9ONY)
9. Secretary's Report – Ken Boston (W9GA)
10. Treasurer's Report – Gary Bargholz (N9UUR))
11. Committee Reports
12. OLD BUSINESS
13. NEW BUSINESS
14. Adjournment

Meeting Note:

For the foreseeable future, we will be holding the meetings via the Zoom Videoconferencing platform on the same evening and time as we had the in-person meetings. Details will be emailed via the ORC remailer.

Return undeliverable copies to:

The ORC Newsletter
524 Alta Loma Drive
Thiensville, WI 53092

First Class

Next ORC Meeting via Zoom
July 8, 2020

7:00-7:20 PM – Check-In
7:30 PM – Meeting Begins