



JANUARY 2023

Volume 12 Issue 1

VE3ERC-LUB

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UHF 444.700 + TONE: 131.8
UHF 444.700 + TONE: 123.0
VHF 147.390 + TONE: 123.0
VHF 147.255 + TONE: 131.8
EMERGENCY SIMPLEX: 146.550
UHF-IRLP node 2404,ECHOLINK
VE3ERC-L
VHF- IRLP node 2403,ECHOLINK
VE3ERC-R

In an emergency, tune
Into our repeaters,
UHF 444.700 or
VHF 147.390 or
HF 3.755 LSB or
Simplex 146.550
For coordination and
assignments.



I have an hambrew (homebrew) antenna I use for all my POTA activations. It's a compact, portable, EFHW end-fed half wave antenna cut for 40m that performs really well. Very quick and easy to deploy using a 33ft telescopic fiberglass mast. It is similar to many of the small QRP 5w antennas you see on the internet, however mine is designed to handle 100watts SSB with almost continuous transmission. Happy to share the design or perhaps make one for you. Here's a photo of the setup from Lighthouse weekend this past summer.

73 Brian VA3DXK



Radio Amateurs
of Canada

THE PREZ SEZ!

This club is Radio-ACTIVE
This club is Radio-ACTIVE

President's Update for January 2023

And so a new year of Elmira Radio Club meetings begins with a snowstorm and a cancellation of the physical meeting in the Firehall. It's a good thing we have Zoom to fall back on.

The topic for this meeting is Wires-X, and what the Elmira Radio Club is doing to support this digital facility. We now have three Yaesu Fusion repeaters capable of supporting Wires-X: one VHF at the Feedmill, one VHF ready to go in to Alma, and one UHF in Tony's basement, waiting to go either to the Feedmill, or to the Firehall. All of these repeaters are capable of supporting Wires-X and digital voice.

Our initial foray into Wires-X connectivity is a Wires-X link radio connected to the Feedmill VHF repeater (at Paul VA3PDC's house), and Wires-X hardware directly connected to the Alma VHF repeater. Both are up and running, although the Alma repeater is currently in my basement, and is on low power. We will move it as soon as reasonably possible.

This now gives us access to IRLP, EchoLink, and Wires-X Rooms. What is left to do is inter-connect these different radio aggregation tools so they all talk to each other!

73

Ted VE3TRQ



The Flood in the Netherlands Jan. 31/1953

70 Years ago on January 31, 1953, a forceful Northwestern storm struck the coasts of The Netherlands, The U.K. and Belgium. I just turned 11 years young the week before. On Sunday morning Feb. 01, 1953 reports were on the radio of flooding taking place in the SouthWest part of the province of Zeeland. It consists of a number of Islands separated by waterways which were used to navigate between them. We were only about twenty kilometer away from that area, and were 4 km from the North Sea. If the coastal dunes had breached where we lived, the water would have been up to the eaves of the local church. The following story is an account of the Dutch Ham Operators providing emergency communication at the time. It had some influence on me becoming a ham in 1967 as PA0MIH.

73, Tony Lelieveld VE3DWI.

Sunday Feb 1st starts with many ham operators doing repairs to their antenna systems which were damaged overnight during a severe Northwester storm. They wanted to participate in the usual Sunday morning 80 meter round table net and meet friends to exchange information and pass along results of technical experiments etc.

PA0AA the VERON club station in Santpoort is about to start with CW code practise transmissions. Nobody is yet aware of the tragic events taking place in the Southwestern part of the country. Then the first news appears on the two national AM broadcast stations "Hilversum 1 and 2". They are reporting of flooding and dyke breaching's taking place in many locations. Information is scarce as the stricken areas have lost all means of communications. Telephone and Telegraph cables are in many places destroyed by the intrushing water.

The 80 meter band starts to become alive with reports from amateurs in the affected areas. PA0JLA, in Raamdonksveer, reports that he may be off the air soon, as the lower floor of his house is already under water. Hams are getting involved and PA0AA is taking the lead in compiling information. PA0GVB in Den Haag is contacted by the Dutch PTT (Post, Telegraph, Telephone) equivalent to our DOC at the time, to see if he can get more information about the worsening situation in the stricken area.

The Director General of the PTT gives official permission to the amateurs to exchange emergency information. Normally the Dutch Hams are not allowed to pass any information of a commercial nature and therefore the special permission was paramount. It's the first time in the Dutch Amateur Radio history that this was granted. PA0GVB in Den Haag is now the prime control station and is in touch with Government representatives of the Armed Forces, the Air Force, Navy and the Red Cross. The PTT made an official request of the ham operators to travel to the flooded areas to provide communications. The two national radio stations "Hilversum 1 and 2" were instructed to stay on the air day and night in order to disseminate information to the general public.



Dyke breaching



Fishing vessel fleets rush to the area



A rescue Helicopter and aircraft dropping

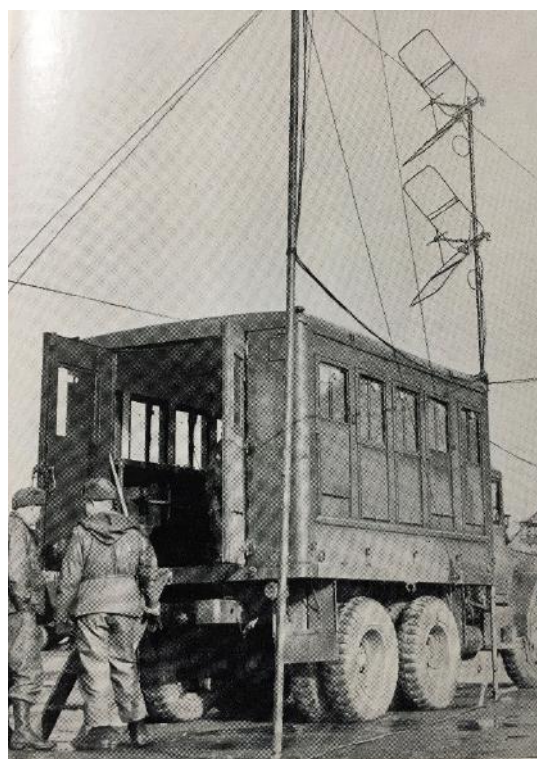


needed materials by air.

As word gets around, other countries are assisting, providing materials and personnel with portable communication equipment. Many amateurs are dispersed and situated in areas where essential communications are badly needed. They operate from Government buildings, private homes and wherever suitable accommodations are available. Portable generators are needed as well. The great advantage of ham operators is that they are versatile, inventive, mobile and can setup their communications equipment on short notice. As long as there are two points where they can string a copper wire of suitable length in between they're ready for action.



Portable radio provided by the Norwegian Army

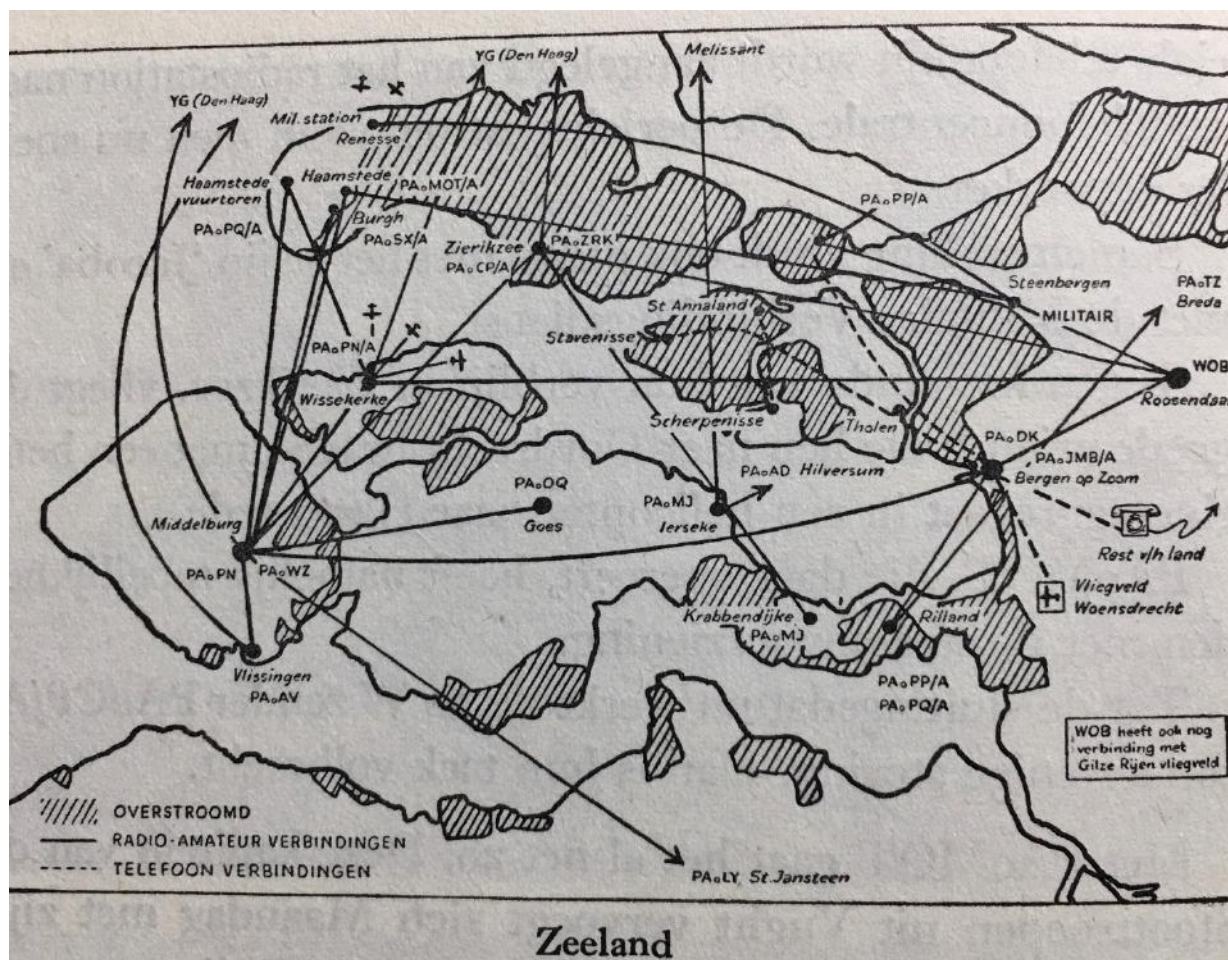


A mobile setup from the American Army

The Dutch army "Verbindingsdiest" (Communications division) also provided men and equipment with mobile radios called "mobielophones", that name is fairly self explanatory. Even the

PTT sent men and equipment to assist and operate Ham stations and fill in to give operators a break.

Below is a print of the various locations and the way that they are connecting with each other to pass traffic. Some stations operate on CW (morse code) as at times the atmospheric propagation conditions and local noise prevents voice communications. CW is better suited and is more prone to get through under difficult circumstances. Notice that on this print there are only four telephone connections.



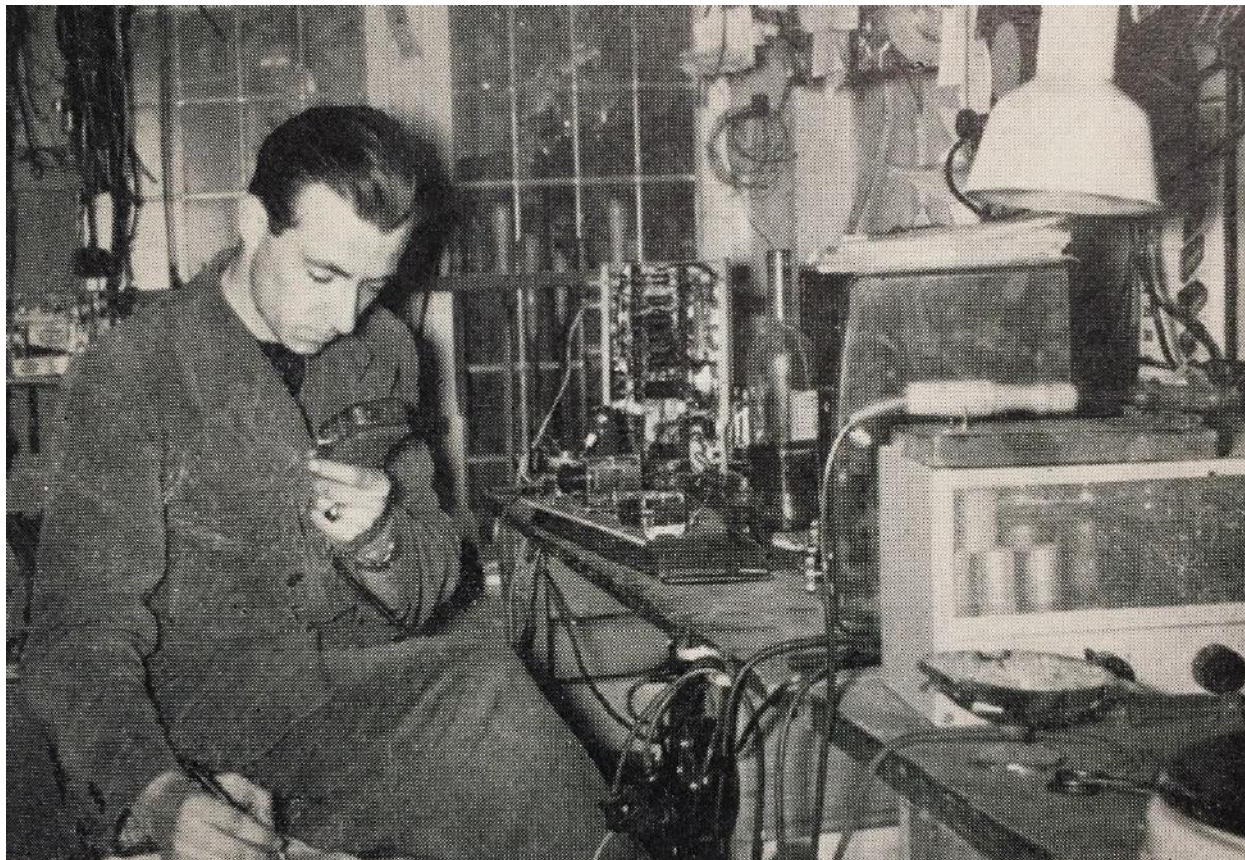
The shaded ///// area depicts flooded land. Solid lines are Amateur RF connections and broken lines ----- are landline, telephone, connections. There are many amateurs that answered the call for help and you can see on the charts that there are many involved.

The main station PA0GVB in Den Haag was experiencing some interference created when local neighborhood mothers were using their vacuum cleaners which acted like spark transmitters. A few hams went around the area and explained the situation. They all agreed to not use any of such devices after which the noise problem disappeared.

Two weeks after the hams stood down, a woman rang the doorbell at PA0GVB asking if she could use her vacuum cleaner again as she was still using her dustpan and brush. Such was the cooperation amongst the neighbours. Stations assisting are PA0DK in Bergen-op-Zoom, PA0JLA in Raamsdonkveer, PA0LY in St. Jansteen, PA0OQ in Goes, PA0PN in Middelburg, PA0GR, PA0FT and many more. Also, PA0YG in Den Haag listened on other frequencies in the 80 meter band and relayed messages that net control missed. The antenna at PA0GVB was again destroyed by strong winds and had to be repaired. While repairs took place PA0YG and PA0AD in Hilversum took over the task of acting control stations.

The town of Zierikzee had no means of communication and was literally isolated. A technician from the local radio repair shop managed to make his way to the shop and proceeded to build

an 80 meter transmitter with parts scrounged from old radio equipment. The PA tank coil was wound on an empty glass bottle and the modulator was an audio amplifier which was on the bench. The glass bottle tank coil is clearly visible on the bench. The power supply used was from another audio amplifier which originally served as a public address system. This is a typical example of the inventiveness of electronic hobbyist to be able to use what's available.



The technician "P. Hosfelt" who, with the help of a university student "Koopman" built the transmitter. He is operating the radio which ended the isolation in the town of Zierikzee.

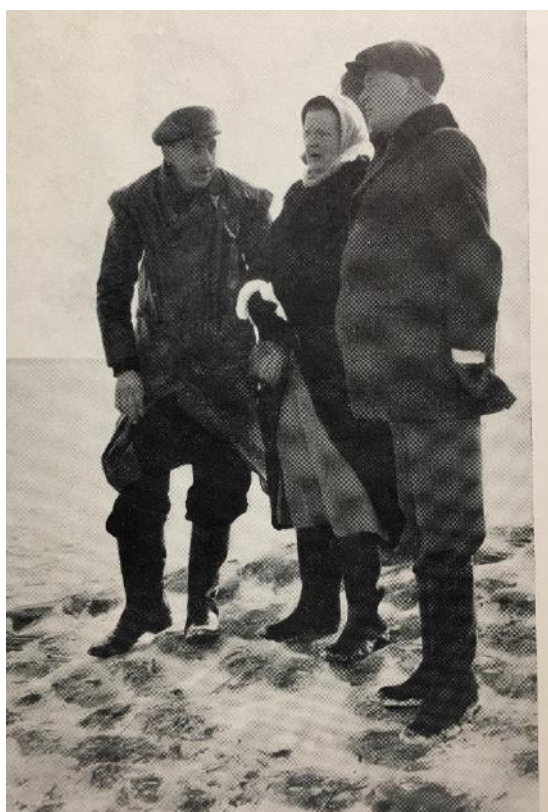
Their signal was heard for two days but it wasn't strong enough to be identified. Finally, after various modifications they managed to make contact with PA0WZ, a station in the town of Middelburg. The authorities of the PTT gave permission to assign to them the callsign PA0ZRK.



This is the station of PA0WZ who made the first contact with the emergency station in Zierikzee. As mentioned before, hams from all over the country helped out. Below is a station set-up by a group from the province of Friesland who traveled five hours to get on locations. They ended up in Zierikzee to replace the primitive transmitter there.



The station from the province of Friesland PA0CP/A replacing the emergency station PA0ZRK



Queen Juliana visiting the stricken area and Her Majesty, Princess Wilhelmina the Queen's mother, was present observing the devastation from the safety of a fishing boat.



The military provided men and equipment and the PTT sent cars equipped with mobilophones to areas which were accessible to vehicular traffic.

Traffic with messages such as "many dyke breeches, many drowning casualties, no heat no food and no electricity. Requests for rubber boats, food dropping by aircraft and helicopter on the market place in Zierikzee. This dropping was not successful and many other locations were desperate for assistance".

Brouwershoek, a small village on the island of Schouwen Duivenland, reported children floating on crates and in wooden boxes around homes.

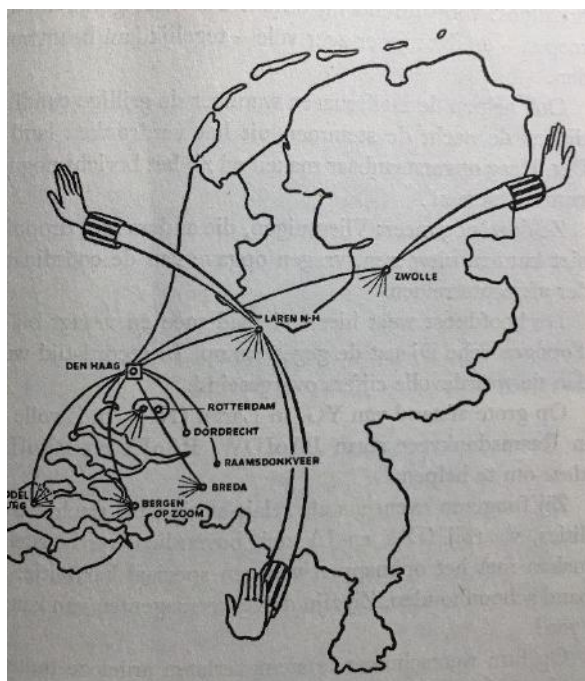


Helicopters were pressed into services and DUKW Amphibian vehicles cruised around as water was no obstacle for them. DUKW is a manufacturing code "D" for the year 1942, "U" for the body style, utility amphibious, "K" for all wheel drive and "W" for dual rear axle. As you can see the vehicle was shaped as a boat. Many people were rescued with them.



The Police com-division set-up equipment and again the military were involved with portable equipment. This was all heavy tube type equipment that required battery power.

There were instances that communications were rough due to propagation, man and industrial noise, low power transmitters etc. Morse code was used as needed which worked very well. There were two stations acting as "on the air guards". Their task was to monitor essential frequencies and as stations from other European countries came on, they requested of them to move away. The cooperation with other hams was excellent and everyone complied with such requests.



The map with locations of the two "guard" stations PA0IDW, one in Laren



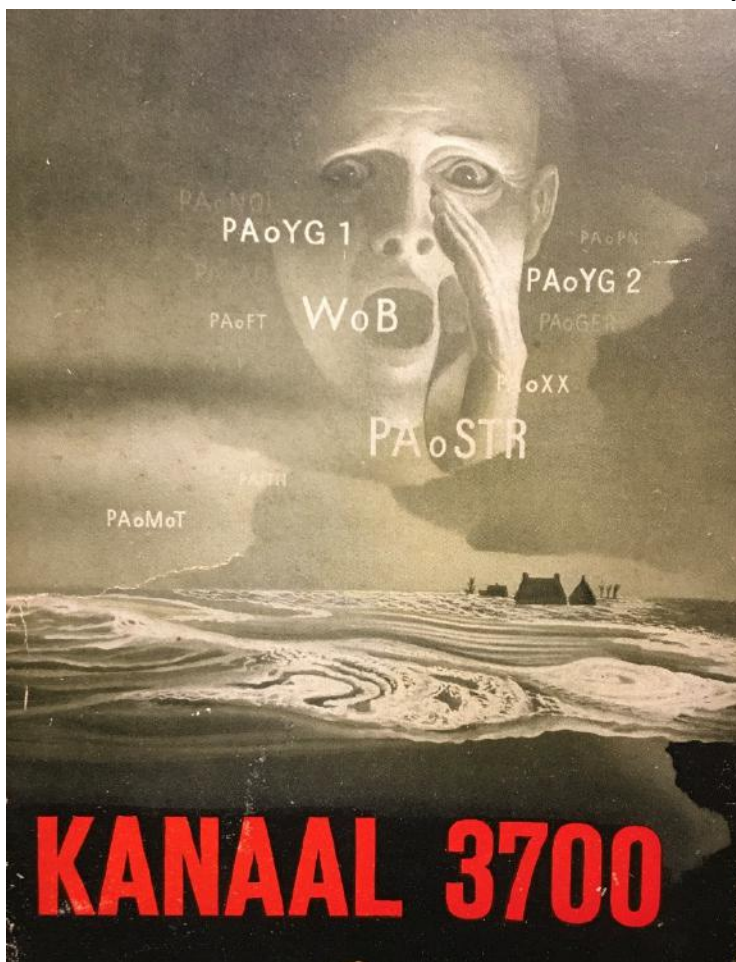
and the second, PA0JA in Zwollen.



Running CW.

All this information was taken from a book, I am very fortunate to have, that was commissioned by the Dutch "VERON" "Vereniging voor Experimenteel Radio Onderzoek in Nederland"

In English this means , "the Society of Experimental Radio Research in the Netherlands" which is one of the Dutch Amateur Radio Associations (Like RAC and ARRL).



It was compiled under direction of a committee consisting of G. de Bruin, A. van den Dool, A.G. van der Drift, Ir. H. Mak, K. van Petersen, J.A. van Puffelen and A.S.M. van Schendel.

The reports of the active participating Ham operators was compiled and re-written by A.J. Duivenstijn, A. van den Hout, and L.M. Schwarz. The layout was designed by Eppo Doeve. It was published by the printshop van "Meyer in Wormerveer".

Pictures were provided by A.N.P Foto, Aero-photo Nederland, Particam Picture, Nationaal Fotopersbureau, C. Oorthuys, Max Koot, Fotopersbureau Stijn, Henneke, N.V. De Arbeiderspers and the Spaarnestad. It was published exactly one year later on Feb. 1, 1954. Needless to say, that I only highlighted the information that would be of interest to the amateur community.

I couldn't possibly mention every ham who was actively involved. This was during a time that most hams made their own equipment.

The picture is an artist depiction of a call for help and assistance of the Dutch amateur community.

"Kanaal 3700" means "Channel 3700" the frequency, in kHz, used by the hams.

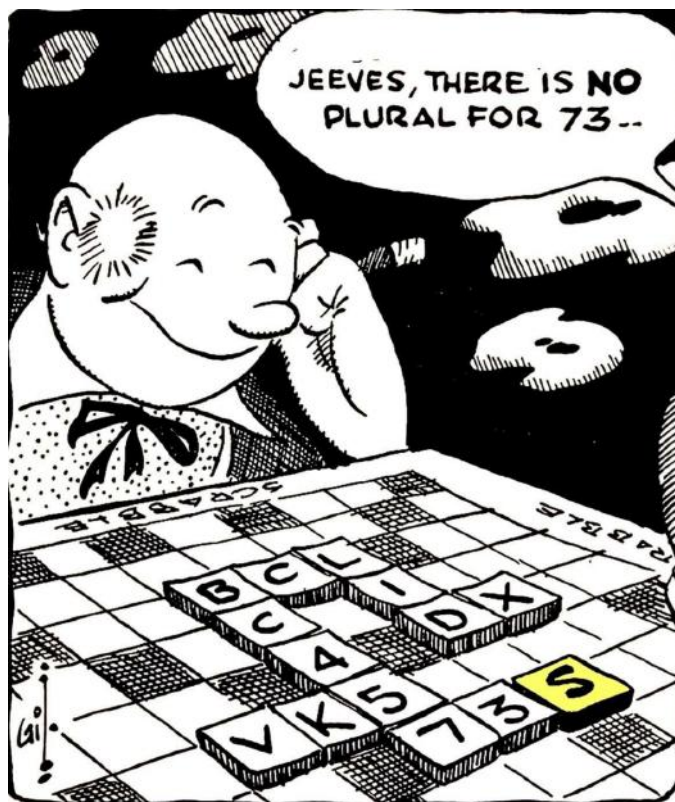
CONTRIBUTIONS TO VE3ERC-CLUB NEWSLETTER

Do you have an article you'd like to submit? Or photos? Do you have any comments you'd like to make?

Perhaps you'd like to share a photo of your shack, a special project you are working on or a special interest!

SEND THEM TO:

Bob bobve3ixx@gmail.com
(519-787-2279)



WEDNESDAY NITE NET CONTROLLERS

DECEMBER 21 - TED VE3TRQ

DECEMBER 28 - BILL VA3QB

2023 JANUARY 4 - KIRK VA3KXS

JANUARY 11 - REG VE3RVH

JANUARY 18 - FRANK VA3FJM

JANUARY 25 - MEETING

FEBRUARY 1 - TOM VE3DXQ

FEBRUARY 8 - TONY VE3DWI

FEBRUARY 15 - BRIAN VA3DXK

FEBRUARY 22 - MEETING

MARCH 1 - BOB VE3IXX

MARCH 8 - TED VE3TRQ

CORRESPONDENCE

Gary VE3JGK built a Go Box and showed the progression.

I've been talking about turning my station into one small (relatively speaking !) go box that would hold ;
Icom 7300
Icom 4100
Jetstream 220
LDG it-100 tuner
triplexer , duplexer , 2 external speakers
and all it takes to connect it all together.

Special thanks to Paul VE3PDC for both the inspiration and very helpful hints on how to get it done.

After a few hours of trying different placements , attached is a pic that shows that it looks like. My 3U soft case will hold it all.



There's still all the wiring to do and securing of the rigs but success is in sight. That's a lot better than things looked before



Well it [the Go Box] is finally done and seems to be working well. Now the deep dive into researching the most suitable (for me) Hf portable antenna begins.

Thanks to Mike VE3MKX for the following blog from [QRPer.com](https://www.qrper.com)

QRPP: Activate a park with 1/10 of a watt-? I had to at least try! By Thomas Witherspoon K4SWL / M0CYI

In [my last published field report](#), you might recall that I successfully activated a park using 500 milliwatts or 1/2 of a watt. I was so surprised by the results of using this QRPP power level I immediately made plans to push the power level even lower during my next activation.

Let's face it, I was drunk with **a lack** of power! After my last field report, there were quite a few questions about the term QRPP and what it means. To be honest, I'm not sure if there's an "official" definition, but here's what is widely accepted as QRP power categories:

- **QRP**: 5 watts to 1 watt (*for some contest 10 watts = SSB QRP*)
- **QRPP**: Less than 1 watt to 100 mw
- **QRPPP**: Less than 100mw

I don't own a field radio that allows me to lower the output power to QRPPP levels. In fact, few of my radios actually allow me to lower power below one watt. My Elecraft radios, however, do allow me to lower power output to as low as 0.1 watts or 100 milliwatts.

The plan

On Wednesday, December 7, 2022, my travel schedule shifted and it opened up the entire afternoon to play radio.

A rarity indeed!

It was very rainy and foggy that day and I didn't have my ENO rain fly with me, so I decided to visit a park with a good picnic shelter to keep me, and my gear, nice and dry.

I had four park options with covered picnic shelters within a 45 minute drive. I decided that I would try to activate Fort Dobbs State Historic (since it had been a couple months since I'd visited) and Lake Norman State Park would be my back-up plan.

Fort Dobbs is a small park, so I called in advanced and asked for permission to do the activation and also asked if their picnic shelter was reserved.

The rangers there know me, so the phone call was pretty quick—no need to explain POTA nor my motivations. They told me that on rainy/foggy December days they have so few guests that I was welcome to use the picnic shelter or even the entire park if I wished (*perhaps an ideal time to erect a Rhombic antenna—okay, just kidding!*).

The Dobbs park rangers and volunteers are the best!



Setting Up

On the way to the site, I decided that I would deploy my MM0OPX end-fed half-wave I'd cut for 40 meters.

I needed to make the most of my 100 milliwatts, so I figured the MM0OPX EFHW would be the best antenna for the job.

Deploying the antenna was a wee bit tricky. As I demonstrate in the activation video (see below) I actually had to launch the throw line quite high into a tree next to the shelter. This was one of those rare occasions that my 25 meter throw lines wouldn't have been long enough. It took two tries with the throw line (off camera) but I did manage to snag the best tree limb.

One thing that would have helped the antenna would have been a proper counterpoise or a long feed line (since end-feds use the RG-316 shield as counterpoise). Unfortunately, I only had a 10-12' length of feedline—too short, but then again EFHWs are pretty darn forgiving.



I decided to start my 100 mW activation on the 20 meter band. If you watch the video, you'll note that I moved around a bit before finding a good calling frequency. That is to be expected when operating QRPP.

I do have some potentially helpful advice should you decide to go QRPP someday:

- Since your power output is so low, you really do want to find a clear spot on the dial giving your activation **wide berth**. Even if my KX2 has no problem operating only 0.5 kHz away from another station (receiver-wise) the other station may wipe out or QRM my puny signal *on the hunter's side*. It's much better to space yourself a good 1 kHz+ away from other stations if possible.
- You may find that **someone starts operating right on top of you** even after you listened and called "QRL?" before sending CQ. This is because **the other station simply can't hear you**. Just QSY!
- In fact, many of the **hunters searching for you have noise levels at home that are S5 or higher**. If your QRPP signal is 529, they're not going to hear you through the noise.
- Of course, to make the most of your wee wattage, **choose an efficient antenna**. It'll be doing the heavy lifting.

That said, it was time to see if I could log ten contacts and validate this activation with 100 mW!

ON THE AIR

After moving around a bit to find a nice clear spot, I started calling CQ POTA on the 20 meter band. I was going to be patient knowing that not many would hear my signal.

My first contact was my friend Bob (WC1N)! What a brilliant think to work POTA royalty with 100 mW!

Then, the stations kept coming in. *I was floored!*

In ten minutes, I logged ten stations.

Seriously!

GEAR

[Elecraft KX2](#)
[MM0OPX QRP EFHW](#) ([Contact Colin for Availability](#))

[Key cable: Cable Matters 2-Pack Gold-Plated Retractable Aux Cable – 2.5 Feet](#)

[CW Morse "Pocket Paddle"](#)

[Spec-Ops Brand T.H.E. Pack EDC](#)

[Elecraft KXBT2 Li-Ion Battery Pack](#)



























Mini Arborist throw line kit: [Tom Bihn Small Travel Tray](#), [Marlow KF1050 Excel 2mm Throwline](#), and [Weaver 8 or 10oz weight](#)

[Rite In The Rain Weatherproof Cover/Pouch](#)

[Moleskine Cahier Journal](#)

[GraphGear 0.9mm 1000 Automatic Drafting Pencil](#)



2022-12-07 19:40	 K4SWL	 K4SWL	 KD9PHY	20M	CW (CW)
2022-12-07 19:39	 K4SWL	 K4SWL	 KN1R	20M	CW (CW)
2022-12-07 19:38	 K4SWL	 K4SWL	 AC9MG	20M	CW (CW)
2022-12-07 19:36	 K4SWL	 K4SWL	 W9UUM	20M	CW (CW)
2022-12-07 19:35	 K4SWL	 K4SWL	 K5PE	20M	CW (CW)
2022-12-07 19:34	 K4SWL	 K4SWL	 WB0CFF	20M	CW (CW)
2022-12-07 19:34	 K4SWL	 K4SWL	 KK7HI	20M	CW (CW)
2022-12-07 19:33	 K4SWL	 K4SWL	 N2GSL	20M	CW (CW)
2022-12-07 19:32	 K4SWL	 K4SWL	 N4RKF	20M	CW (CW)
2022-12-07 19:30	 K4SWL	 K4SWL	 WC1N	20M	CW (CW)

Here are my first ten contacts (click image to enlarge). I should buy them all a beer:

This really surprised me. The signal reports were all pretty low 529/539 etc. but golly! ***It actually worked!***

What fun!

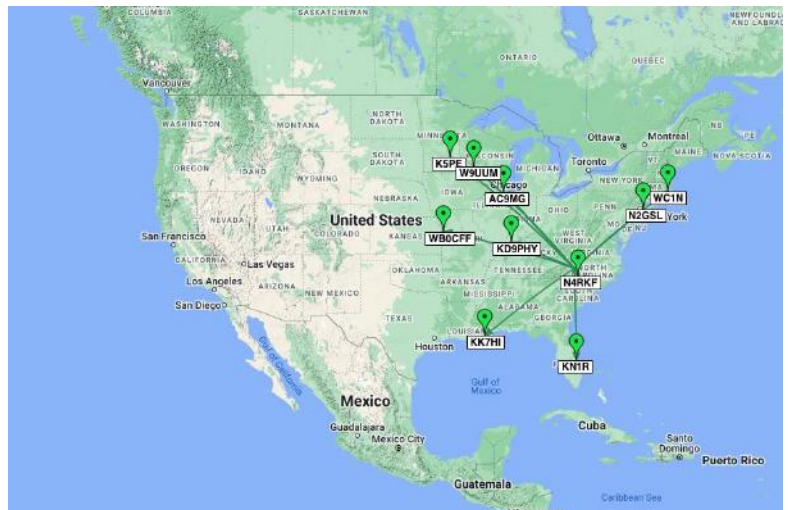
After validating this activation, I then pumped up the power to five watts. As much as I loved playing with 100 mW, I wanted to give hunters a chance to work me in case they haven't yet worked someone at K-6839.

I continued working 20 meters for a while, then moved up to 17 meters where I increased power to 10 watts.

Next, I moved down to 40 meters and decreased power back down to 5 watts.

In the end, I worked a total of 65 stations in 82 minutes.

It was such a luxury *not* being pressed for time.

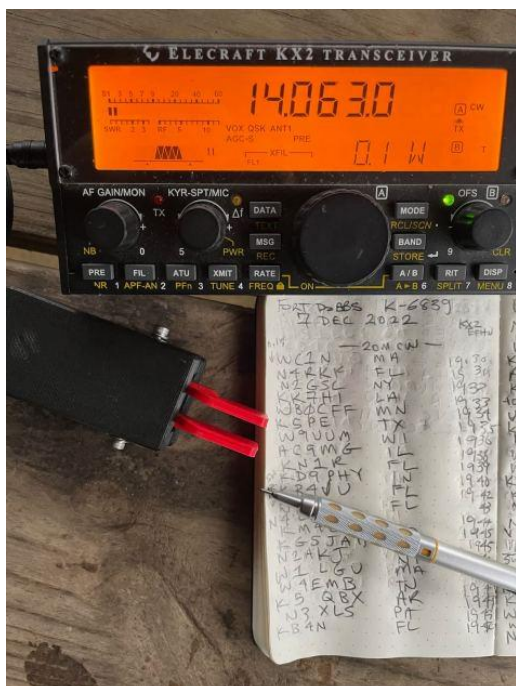


In case you're wondering, here's the map of my first ten 100 mW contacts on 20 meters:

<https://youtu.be/3IbtbfZp0Vg>

Activation Video

Here's my real-time, real-life video of the entire activation. As with all of my videos, I don't edit out any parts of the on-air activation time





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the

PAST

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IC-737 \$1700	TS-690S \$1870	*FT-990DC \$2570	PK-88 \$200
IC-736 \$2700	TS-50S \$1350	FT-900wat \$1999	PK-96 \$300
IC-735 \$1600	TS-60S new \$1250	FT-900 new \$1649	PK-12 \$180
IC-728 \$1300	TS-140S \$1150	*FT-890wat \$1800	Kantronics
IC-725 \$1200	TL-922 w/tubes \$2500	*FT-890 \$1550	KPC-3 \$170
IC-707 \$1050		*FT-840 \$1200	KPC-9612 \$320
IC-820H new \$2340	TS-790A \$2380	FL-7000 \$3000	Kam+ \$490
IC-970H \$4400	TM-255A \$1290	FT-736R \$2600	D4-10 \$500
Mobiles	Mobiles	Mobiles	DataEngine \$460
IC-Delta100 \$1850	*TM-732A \$750	*FT-5100 \$850	
IC-2700H \$1100	TM-742A \$1020	*FT-5200 \$900	M.F.J.
IC-2340 new \$850	TM-733A new \$850	*FT-2200H \$520	MFJ-1278B \$430
*IC-2410H \$890	*TM-241A \$449	*FT-2500M \$499	MFJ-1270C \$190
*IC-3230H \$900	TM-251A new \$520	FT-7400 \$600	MFJ-1274 \$230
*IC-229H \$499	TM-451A new \$600	FT-290RII \$850	
IC-228H \$499	TM-331A \$590	FT-790RII \$1050	
IC-281H new \$550			
Handhelds	Handhelds	Handhelds	PacComm
*IC-W21AT \$620	TH-79A \$699	*FT-530 \$619	Tiny2-PMS \$200
IC-V21AT \$840	TH-28A \$460	*FT-11R \$419	Tiny2-node \$175
IC-X21AT \$980	TH-22AT new \$370	*FT-11Rw5wt \$450	Handi-Pak \$330
IC-Delta1AT \$1100		FT-41R \$580	
IC-W2A \$599		FT-411E \$450	BayPac \$85
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*IC-2GAT \$399			
IC-2AT \$300			

* All ICOM & YAESU prices have been increased as of October 1, however we will hold the above prices on existing stock, quantities limited. Please call to verify pricing.

NORHAM RADIO will MATCH any written quote or advertised price from an authorized Canadian Dealer!

Prices are CASH or CHEQUE discounted, please add 2% for VISA or Mastercard.

All prices are subject to change without notice.

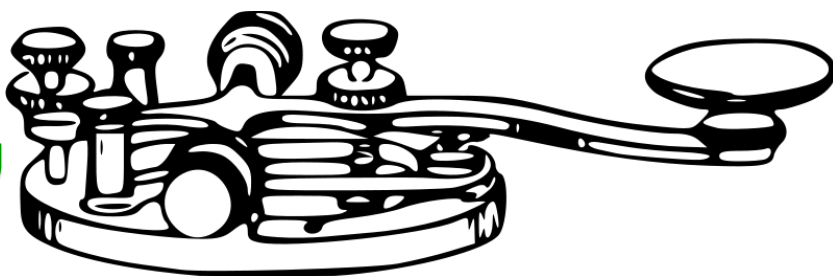
PRICES GOOD UNTIL October 31, 1994

Thanks to **Mike VE3MKX** for sending this old catalogue price list dated October 31, 1994.

Radioworld Inc. was founded in 1999 through the amalgamation of **Norham Radio**, Atlantic Ham **Radio**, and Texpro Distributing.

All Keyed Up by

Dan Romanchik, KB6NU



From my reading list: The inner beauty of electronics

January 23, 2023 By [Dan KB6NU](#)

Safari, the web browser that I use most often, has a feature called the “reading list.” It’s like a bookmark, but much more temporary. The list is meant to be a parking lot for sites that you want to read, but not read over and over. Once you’ve read it, you’re supposed to delete the site from the list.

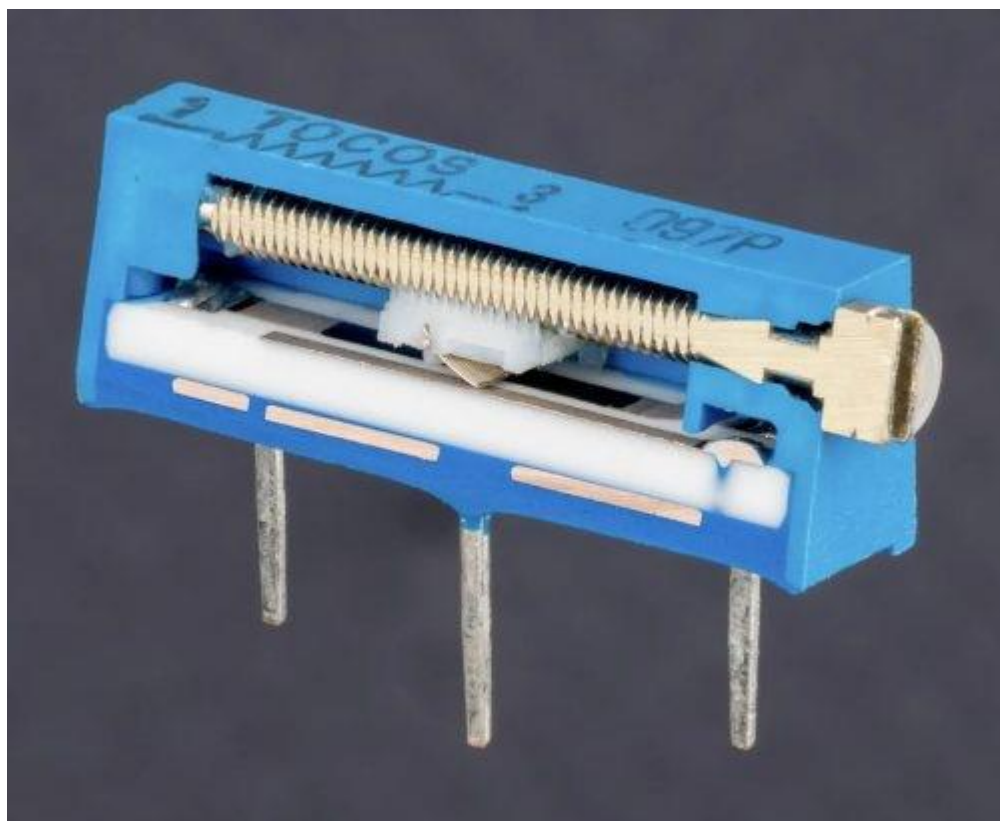
Of course, a lot of sites get stuck on the list, so periodically I actually go through it and read some of the sites on the list. Here is [one] that I think hams will be as interested in as I am.

The Inner Beauty of Basic Electronics

Many components are not only marvels of electronics engineering, but mechanical engineering as well.

Open Circuits: The Inner Beauty of Basic Electronics

shows us how beautiful electronic components can be. The authors, Windell Oskay and Eric Schlaepfer, have painstakingly opened many electronic components and taken some really amazing cross-section photographs. Here’s an example of a 15-turn potentiometer.



Also included in the book are photographs of transistors, integrated circuits, printed circuit boards, and more. Even if you don’t buy the book, taking a look at some of the photograph’s on the

[book’s web site](#) is well worth it

ERC Elmira Radio Club Inc. - Meeting Minutes

January 25, 2023

<u>Attendance - Members</u>	<u>Attendance - Officers</u>
Bill Reid VA3QB	Ted Rypma VE3TRQ – President
Bob Koechl VE3IXX	Paul Curtin VA3PDC – Treasurer
Bruce McLellan VE3QB	Kirk Sinclair VA3KXS – Secretary
Graham Bauman VE3BYP	
Jack Sinclair VA3WPJ	<u>Guests:</u>
James Litwiller VE3JLC	Brian
Jim Heidmiller VE3JMU	
John Linnerth VE3OVO	
Judd Hodge N4WXU/VE3WXU	
Ken Buehler VE3KCY	
Linda Willis VE3CZ	
Marianne Lelieveld VE3MXT	
Mike Willis VE3FE	
Reg Horney VE3RVH	
Rich Clausi VE3DCC	
Rick Brown VE3IMG/VA3YV	
Rod Murray VA3MZD	
Roger Sanderson VE3RKS	
Tony Lelieveld VE3DWI	

Meeting Location: Zoom only due to weather conditions

Meeting Minutes

1. Call to Order:

- a. Meeting was called to order by President, Ted Rypma VE3TRQ at 7:29 pm and he welcomed everyone present.

2. Roll Call:

- a. A roll call established those present and it was noted quorum had been attained.

4. Approval of Agenda:

- a. Ted displayed the agenda onscreen for those in the room and on Zoom.
- b. MOTION to approve the agenda as circulated.

Motion By: Paul VA3PDC

Carried

5. Presentation

- a. Demonstration and discussion of the Elmira Radio Club Wires-X implementation on VA3TET (Alma VHF) and VE3ERC (Feed Mill VHF) by Ted VE3TRQ.

6. Secretary Report: Presented by Kirk Sinclair VA3KXS.

- a. Correspondence Received:
 - i. Invoice for the RAC Affiliation & Insurance Fees was received.
- b. Minutes of the November 23, 2022 meeting were emailed to members on the same day.
 - i. No corrections were noted.
- c. MOTION to approve the minutes of the November 23, 2022 meeting.

Motion By: Kirk VA3KXS

Carried

6. Treasurers Report: Presented by Paul Curtin VA3PDC

- a. Details of transactions for the months of November & December were displayed on the screen.
- b. MOTION to approve the financial statements for November & December 2022.

Motion By: Paul Curtin VA3PDC

Carried

7. Presidents Report:

- a. Besides his excellent presentation, Ted commented he was happy we have the Zoom option for wintry evenings when travelling to Elmira is not an option.

8. Committee Reports:

- a. Repeater Technical Committee - Bill Reid VA3QB / Tony Lelieveld VE3DWI
 - i. Lots of work has happened in the past 2 months on the Wires-X configurations, as demonstrated by Ted.
 - ii. There is a club-owned power supply available which can have battery backup available if we wish to use it for the Alma location.
 - iii. The microphone Tony purchased has arrived and is intended for the Feed Mill location.
 - iv. The Alma repeater equipment is currently at Ted's house for Wires-X configuration and testing. It will eventually move back to the Alma location and will be running at medium power.
- b. Club Equipment Review Committee – Frank VA3FJM / Tony VE3DWI / Kirk VA3KXS
 - i. No update this month.
- c. Nomination Committee - Rich VE3DCC / Tom VE3DXQ
 - i. There are currently vacancies without nominees for President & Secretary.

- ii. Frank VA3FJM has agreed to again stand for Vice President
- iii. Wes VE3ML has agreed to again stand for Trustee
- iv. Ted VE3TRQ has agreed to stand for Treasurer (leaving the President position)
- v. If anyone is interested in nominating themselves for any of the positions, please let Rich VE3DCC or Tom VE3DXQ know.

9. Unfinished Business

- a. RAC Affiliation & Insurance Renewal - Paul VA3PDC / Kirk VA3KXS
 - i. 2023 Invoice received & paid. Certificate of insurance expected soon.

10. New Business

- a. Wires-X Computer & other associated hardware - Ted VE3TRQ
 - i. Ted VE3TRQ has purchased a computer, HRI-200 and microphone for the Wires-X configuration at the Alma location.
 - ii. *MOTION to reimburse Ted VE3TRQ for the microphone, computer & Yaesu HRI-200 per receipts to be provided to Paul VA3PDC.*
Motion By: Kirk Sinclair VA3KXS
Carried
- b. Winter Field Day January 28-29 - Paul VA3PDC
 - i. Paul VA3PDC and Ken VE3KCY will be operating at Ken's Sugar Shack location. It is a 1-2KM hike back to the shack from the nearest parking. Snowmobile will be the likely mode of transport. For further information, contact Paul VA3PDC.
 - ii. The rules do allow for working from home, so everyone is encouraged to participate. See <https://www.winterfeldday.com/rules.php> for rules.
 - iii. Everyone should work under their own callsign and Paul will investigate combining logs if there is a group category
- c. Spring Events Maple Syrup Festival, CAER - Ted VE3TRQ / Paul VA3PDC
 - i. Maple Syrup Festival
 - 1. Rich VE3DCC has been in contact with the organizers to ask if there is interest or room for the club to operate during the festival, which is planned April 1, 2023. There has not yet been a response.
 - 2. Paul VA3PDC indicated he has a contact who indicated we can still rent tables for Friday from 5:30 to 9:30pm, however the preference is to get a table for free if possible (in exchange for the advertising we would do by sending QSL cards, etc.)
 - 3. Club participation in this event would require a commitment from people to arrive Friday afternoon, setup equipment and operate during the event.
 - ii. CAER
 - 1. We do not yet know if the event is occurring this year, but it has historically been a good event to get younger people interested in Amateur Radio (CW demonstrations are always a hit).

2. Paul is unable to organize this year. If anyone would like to take this on, Paul has some contact info he can provide.
- d. Events Programming Committee – Rich VE3DCC
 - i. Rich suggested we may want to consider setting up a program committee to seek out presenters for meetings.
 - ii. Ted agreed this would help attract people to the role of President by helping remove the load from that position, with the President role then focusing on management of committees, ensuring continuity and chairing meetings.
 - iii. If anyone is interested in participating in this committee, please let Ted VE3TRQ know.

11. Announcements

- a. The next meeting will be held Wednesday, February 22, 2023.

12. Adjournment

- a. MOTION to adjourn at 8:52 pm

Motion By: Roger VE3RKS

Carried

