



NOVEMBER 2020

Volume 9 Issue 11

VE3ERC-LUB



President: Brian VA3DXK
Vice-President: Ted VE3TRQ
Secretary: Kirk VA3KXS
Treasurer: Paul VA3PDC
Trustee: Wes VE3ML
QSL Manager: Tom VE3DXQ
Repeater Trustee: Wes VE3ML
Website Admin: Ted VE3TRQ
Lighthouse: Al VA3TET
Maple Syrup Display: Al VA3TET
Newsletter: Bob VE3IXX
ERC Website: <https://ve3erc.ca>

ERC REPEATERS

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: 147.51
UHF- IRLP node 2404
VHF- IRLP node 2403, ECHOLINK node
VE3ERC-L VE3ERC-R

In an emergency, tune
Into our repeaters,
UHF 444.700 or
VHF 147.390 or
HF 3.755 LSB or
Simplex 147.510
For coordination and
assignments.

Three of the four transmitter towers of the Bawdsey CH (Chain Home, or CH for short, was the codename for the ring of coastal Early Warning radar stations) station as seen in 1945. The antennas proper are just visible at the extreme right. (Wikipedia)

If you have a chance, watch the well done BBC movie Castles in the Sky (2014)

This film charts the work of Robert Watson Watt, the pioneer of Radar, and his hand-picked team of eccentric yet brilliant **meteorologists** as they struggle to turn the concept of Radar into a workable reality.



Radio Amateurs
of Canada

THE PREZ SEZ!

This club is Radio-ACTIVE

This club is Radio-ACTIVE

President's Update for November 2020

A thank-you to all who participated in the November virtual meeting. It was a resounding success and we achieved a quorum so we were able to vote on the changes to the Constitution and By-Laws.

And as we are quickly coming to December, we have reached the six month period before our next annual meeting. As is noted in the minutes, the constitution requires that we must set up a Constitutional Nominations Committee six months before our 2021 AGM.

As a result we are asking for volunteers to join this committee. So far, we have two volunteers, Rich VE3DCC and Tom VE3DXQ. A big thank you to these two members, but we would like to see more members on this committee. So we ask you to please consider putting your name forward.

We are quickly approaching the time for Christmas. The times, being what they are, we will not be able to have our traditional Christmas get together. However, we have decided to try a virtual Christmas Party this year. Judging from the successful November virtual meeting, we can make a virtual Christmas party a success as well. In fact Ted (VE3TRQ) is also looking to the possibility of utilizing the repeaters as well as a Zoom get together. These are certainly some exciting ideas coming forward.

STAY TUNED!



HAPPY BIRTHDAY ONTARS

FROM ALL OF US AT THE ELMIRA RADIO CLUB



ONTARS

Daily 7am to 6 pm 3.755 Mhz LSB

The Ontario Amateur Radio Service

Celebrating 49 years of service 8th Jan 2021

Managed and funded by Barry VE3ISX



www.ontars.com



Digital Radio Today

By Ted VE3TRQ

Digital Radio Bits - PSKReporter, HamSpots, & WSPR Map

We have talked quite a bit about using various digital modes, and about how well they do in a propagation-challenged world. Now it's time to show just how you can tell whether you are doing well with your transmission and reception of those digital modes.

There are a number of tools available to you to tell whether you are *getting out*. The three I will deal with here are *PSKReporter* (pskreporter.info), *HamSpots* (hamspots.net), and *WSPR Maps* (wspnnet.org). PSKReporter and HamSpots are general purpose spotting tools, that is, they will show you many modes. WSPR Maps, on the other hand, is ONLY for WSPR mode spotting. The other two *may* show some WSPR spots, but not many, if any. There is another, *DXMaps* (dxmaps.com), that I rarely use, but it does allow downloading lists instead of just viewing maps. It, as well as HamSpots, require you to register and log in.

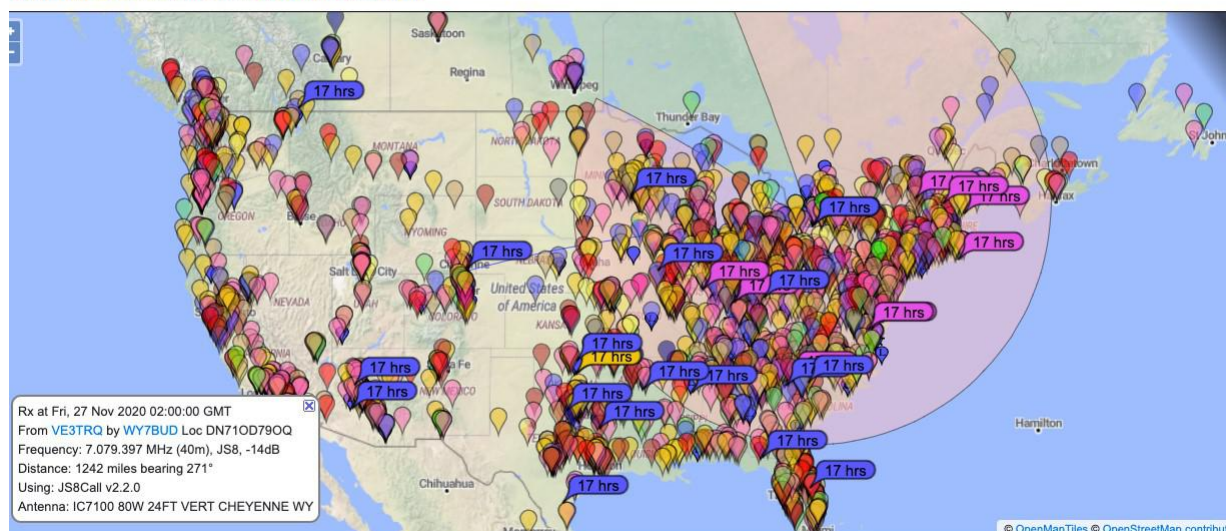
If you want to know how well your transmit and / or receive antenna are working, it is as simple as sending out a CQ or transmission in the mode of your choice, and then visiting the appropriate web site to see not only how far you were seen, but also which directions were better. Whichever digital mode program you are using, you must enable reporting before you can see on the maps or websites what signals you have received.

PSKReporter

PSKReporter is the oldest of the digital spotting sites. It stores large amounts of information, and allows you to easily view the data on a map. It started out, as the name suggests, collecting PSK signal information. It has a published API (programming interface) to allow developers build in to reporting to the site.

PSKReporter allows you to enter the callsign, band, and mode of interest, as well as whether the signal was received or sent. The result can also be restricted by time within the last 24 hours. By hovering over a station that has spotted you, you also learn the signal strength of your transmission. Together with your power output and antenna geometry, this is very useful information for working DX stations.

n show sent/rcvd by using over the last Go! [Display options](#) [Permalink](#)
 monitoring VE3TRQ (last heard 17 hrs ago). Automatic refresh in 4 minutes. Small markers are the 142 transmitters (show logbook) heard (distance chart) at VE3TRQ (1057 reports, 5 countries last 24 hours; 7616 ports, 9 countries last week).
 here are 6179 active monitors: 1444 on 40m, 824 on 20m, 805 on 10m, 572 on 30m, 549 on 80m, 389 on 15m, 378 on 12m, 264 on 160m, 248 on 2m, 237 on 17m, 136 on 60m, 132 on 6m, 93 on unknown, 13 on 1m, 10 on 600m, 8 on 70cm, 7 on 23cm, 6 on 2200m, 1 on 4m. Legend



Statistics — Comments to Philip Gladstone — Online discussions — Reception records: 16,530,173,805 (291/sec) — Hosting by Fast Serv Networks, LLC

PSKREPORTER.INFO

HamSpots

HamSpots covers pretty well all digital modes I have ever used, and allows you to view current activity for that mode via a spotting site, as well as see who has received your transmission, and who you have received. There is also a chat and sked window that allows you to send messages and request a QSO schedule. In order to use HamSpots, you must register and then log in, although it is free to use.

There are three main areas of data to view: a cluster spotting window, a window for stations you spotted, and a window for stations that have spotted you. In all cases, the signal strength is provided as an aid to determining how well your station is doing.

Information
Settings
Searches
Digital Modes
LOTW & eQSL
BANDS
My Spots
Online?
Call: Search

SFI 106, A 7, K 2
**** ALL DIGITAL MODES ****
597 Online

Calls You Spotted [DETAIL]					Your Call Spotted [DETAIL]											
Age	DX	Bnd	Mode	Sig	Age	Spotter	Bnd	Mode	Sig	1m	Call	Frequency	Offset	Mode	Country	Call
40m	WS3H	40	JS8	+14	10m	KW4VA	40	WSPR	+05	1m	A45XR	10136.60	-14	FT8	Oman	G7BTP
41m	KN4PDA	40	JS8	-14	10m	KB3EDF	40	WSPR	-07	1m	OA9DVK	28074.33	-17	FT8	Peru	N8ADO
+1h	KC1GHN	40	JS8	-13	+18h	WB0VHB	40	JS8	-16	1m	W7MEM	28076.68	-12	FT8	ID United States	N8ADO
+1h	KE0SBF	40	JS8	+09	+18h	KT5H	40	JS8	00	1m	AB1EP	14074.62	-09	FT8	ME United States	K4SWE
+1h	N8XRE	40	JS8	+11	+18h	WT9S	40	JS8	-14	1m	JH0RVY	3573.65	-16	FT8	Japan	JA5OP
+1h	W1JAR	40	JS8	+06	+18h	WT9S	40	JS8	-11	1m	KA5KEH	14074.80	-03	FT8	TX United States	K4SWE
+2h	KE0SBF	40	JS8	+09	+18h	K5MKS	40	JS8	-08	1m	K2VS	14076.14	-01	FT8	NH United States	K4SWE
+2h	W8APP	40	JS8	+06	+19h	KN4IDB	80	JS8	+20	1m	RU3SD	14075.60	-12	FT8	EU Russia	N4SV
+2h	VE2DTG	40	JS8	-13						1m	ZL3IO	21074.18	-13	FT8	New Zealand	EA8DO
+2h	AC8SM	40	JS8	-06						1m	WM6Y	28074.66	00	FT8	CA United States	N8ADO
+2h	VE3BQK	40	JS8	-09						1m	K4LVW	21076.61	-07	FT8	GA United States	W3EX
+3h	NV8I	40	JS8	+09						1m	RV6WB	7075.57	-19	FT8	EU Russia	PA2RO
+3h	N0LSD	40	JS8	00						1m	VE3YV	10138.10	+04	FT8	Canada	WW9S
+3h	KV4AN	40	JS8	-07						1m	W4BAE	14076.34	-03	FT8	FL United States	N4SV
+3h	KN4PDA	40	JS8	-15						1m	WB4QOC	28075.32	-16	FT8	NC United States	K6GAN
+3h	NV8I	40	JS8	+13						1m	PY5EJ	24916.20	+13	FT8	Brazil	WA3GM
+3h	W8BO	40	JS8	-08						1m	KC3PGN	14075.50	-10	FT8	PA United States	N4SV
+4h	AC8SM	40	JS8	+02						1m	LU1ZG	21075.87	-10	FT8	Antarctica	EA8DO
+4h	KE0SBF	40	JS8	+02						1m	N1TGE	10137.54	-23	FT8	CT United States	WW9S
+4h	AC8SM	40	JS8	+01						1m	PY2DPM	28074.67	-08	FT8	Brazil	N8ADO
										1m	KL7J	28076.53	-05	FT8	AK Alaska	K6GAN
										1m	K7QA	14075.09	+02	FT8	MT United States	K4SWE

VE3TRQ
Log Out
Your Spot History
Settings

Seen Call: Frequency: Mode:
Message: Post

Links

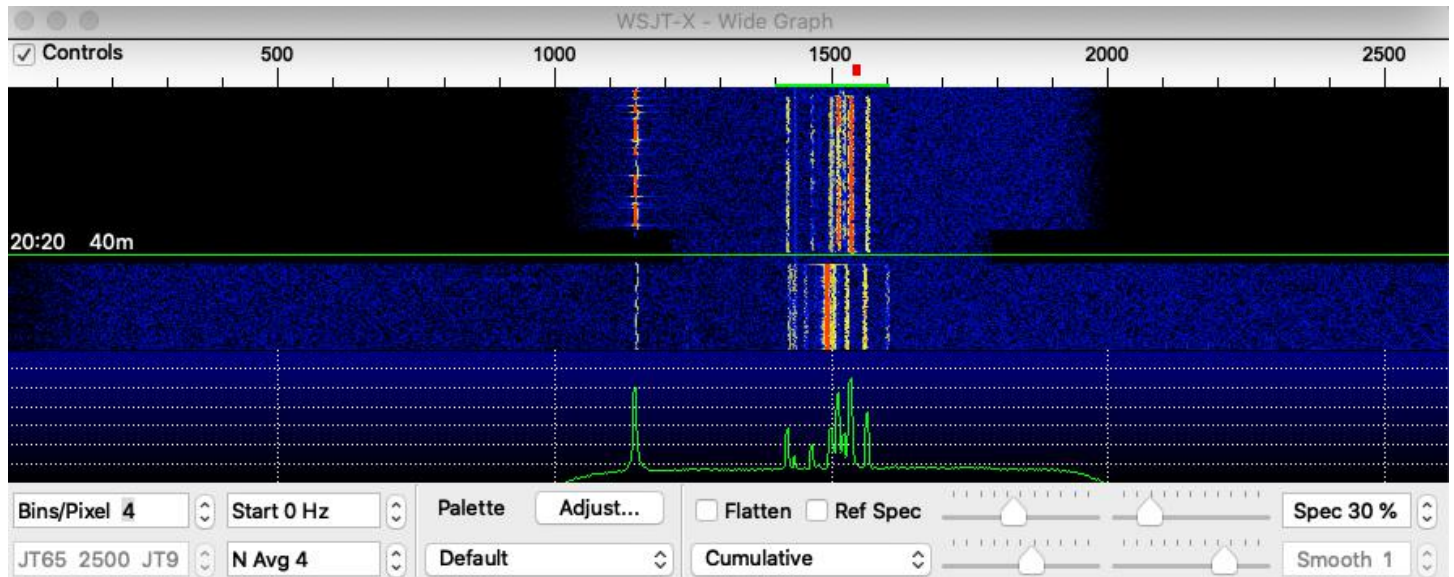
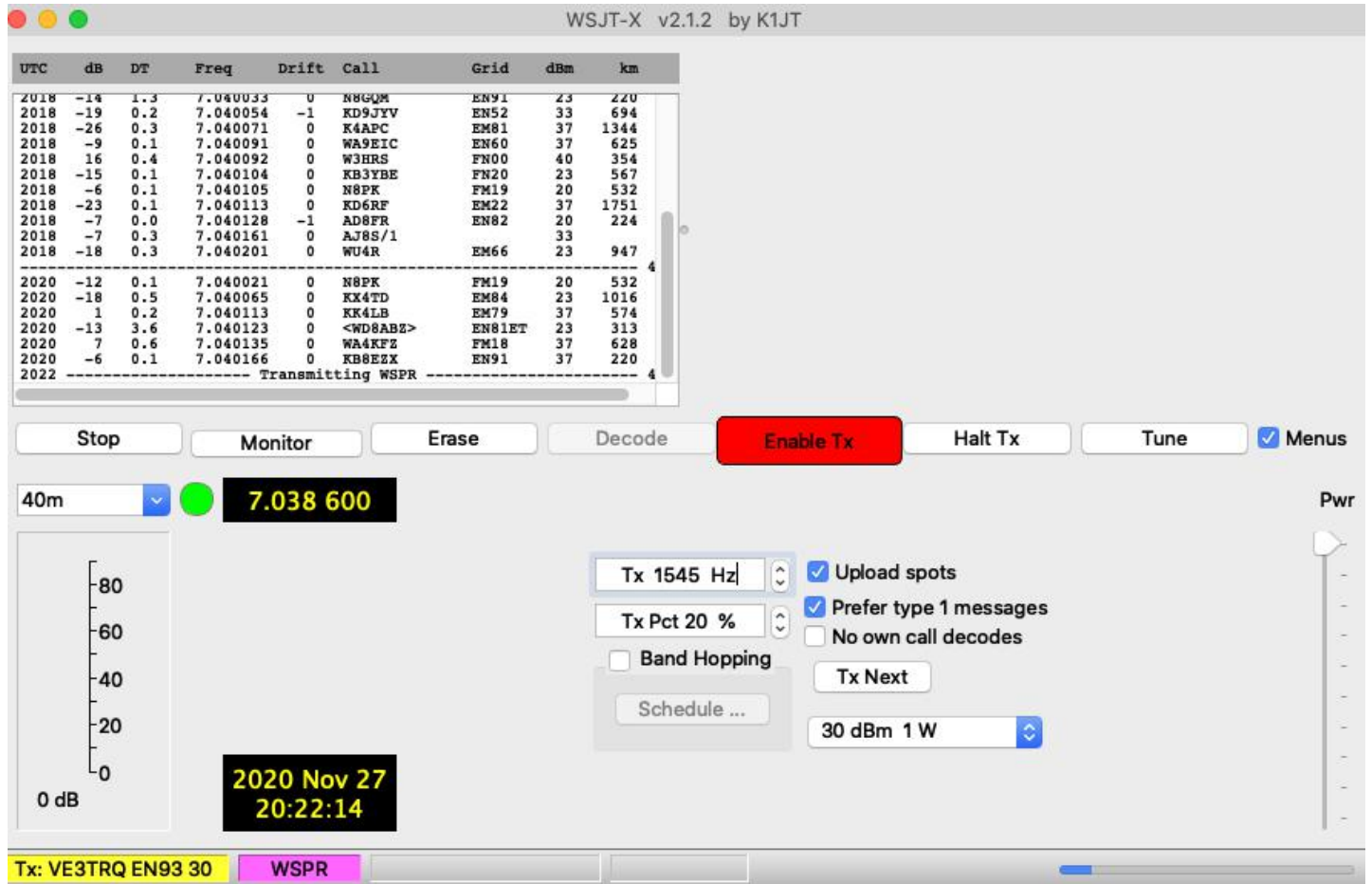
To chat, you can leave "Mode" & "Frequency" fields blank

© 2020, HamSpots by VK3AMA

WSPR Maps

WSPR maps, available at wspnnet.org, is a great way to determine the low power capability of your station. The WSJT-X program has WSPR (**W**eam **S**ignal **P**ropagation **R**eporter) as one of its modes. It allows you to send and receive a very narrow, sensitive transmission at a power setting of your choice. Remember to set your station maidenhead location and set the transmitter power to the value reported in the program (both get sent to the receivers listening for your signal). If you operate FT8 or FT4, you can operate WSPR just set the **Mode**, frequency offset, and power.

Once you have started transmitting (2 minute cycles, 20% transmit to receive ratio is normal), just go to the WSPR website, wspnnet.org, enter your callsign and band, and you are ready to find out how well you can transmit at 1/2 watt or 1 watt!



<https://ve3erc.ca>

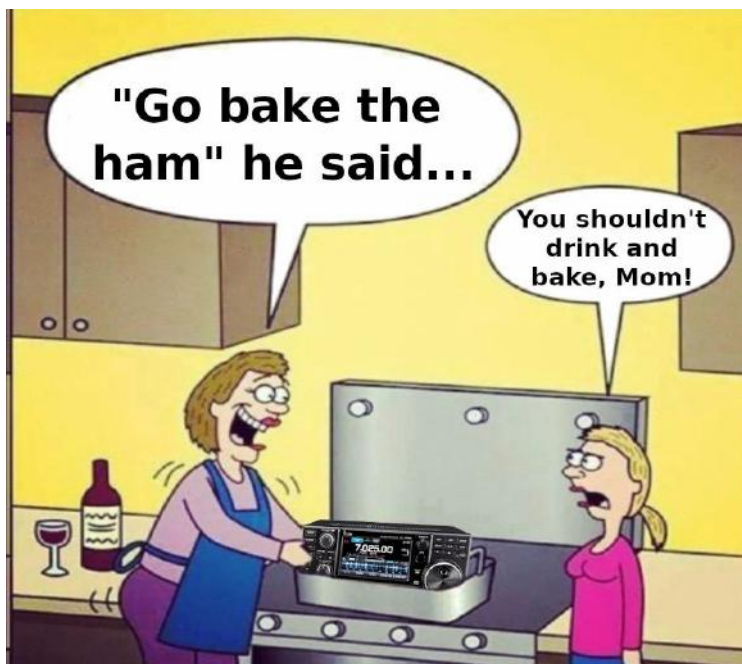
CONTRIBUTIONS TO VE3ERC-CLUB NEWSLETTER

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

SEPTEMBER 30 - FRANK VA3FJM

OCTOBER 7 - TOM VE3DXQ

OCTOBER 14 - BILL VA3QB

OCTOBER 21 - WES VE3ML

OCTOBER 28 - M E E T I N G

NOVEMBER 4 - PAUL VE3PVB

NOVEMBER 11 - AL VE3DZZ

NOVEMBER 18 - BRIAN VA3DXX

NOVEMBER 25 - M E E T I N G

DECEMBER 2 - BOB VE3IXX

DECEMBER 9 - TED VE3TRQ

DECEMBER 16 - AL VA3TET

DECEMBER 23 - VIRTUAL CHRISTMAS PARTY

DECEMBER 30 - KIRK VA3KXS

JANUARY 6 - REG VE3RVH

My Mobile Setup

For Portable Operations

Kirk Sinclair – VA3KXS

Guiding Principles

- Minimal equipment
 - I want to carry it all in one trip
 - Lightweight
- Simple
 - Fewest components possible
- Quick Setup & Tear Down
 - I can generally have this setup in 10-15 minutes
 - (I'll time it one day)
- Stand-alone
 - Setup anywhere, no dependencies on power, trees, etc

Transceiver – Yaesu FT-891

- Chosen as a good mix of portability, features & power output
- Lots of good reviews of the DSP algorithms and the ability to pull out weak signals
- 100 watts was important – previously had an FT-818ND and just wasn't being heard
 - Draws less than 2A on receive, up to 23A on transmit
- USB input makes connection of a laptop for logging and CAT control quite easy
- Supports 160m thru 10m
 - I am generally not operating 2m/70cm when I'm out in a park
- Converted power lines to Anderson Power Pole
- I do use a ground rod to ground the transceiver (need to add a Power Pole here too)
- <https://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=102&encProdID=DF4DB262968932E999EAF928B5B6A1A7&DivisionID=65&isArchived=0>



Antenna – HyEnd Fed 4 Band Portable Mini

- Supports 100W output on 40m, 20m, 15m & 10m bands without a tuner
- SWR below 1.7:1 on all 4 bands
- Antenna 20m long, works well as a flat-top, sloper, inverted L or inverted-V
- Packs down very small & is lightweight
 - Easily supported by the jackite poles
 - Plastic circle is what the antenna wraps around to store – works well as a 90 degree bend at the top of a jackite pole
- I usually only have 15' of coax with me, so I typically deploy in a sloper or inverted-L configuration.
- https://www.hyendcompany.nl/antenna/portable_mini_hyendfed_antenne/product/detail/197/Portable_4_Band_Antenna_Ultra_Light_Mini_100_Watt



Jackite Poles

- 31' fiberglass poles, extra thick and are able to hand a good bend
- Collapse down to about 3'
- I've customized them a bit:
 - Secured the caps to the poles with a bit of string
 - Added a zip tie loop to the top, keeps the smallest bit from falling all the way to the bottom
 - Added some padding to the bottom so the sections don't slam down too hard
- Battery – Bioenno 50Ah LiFePO4 Battery – Bioenno 50Ah LiFePO4
- Taped the bottom cap permanently closed
- I created a collar from some plumbing connectors and threaded some orange tie-down straps through them (made holes with a Dremel)
- When setting up I can usually hole the pole with one hand and drive a tent peg with the other.
- To raise the pole, extend and twist
- <https://www.jackite.com>



Battery – Bioenno 50Ah LiFePO4

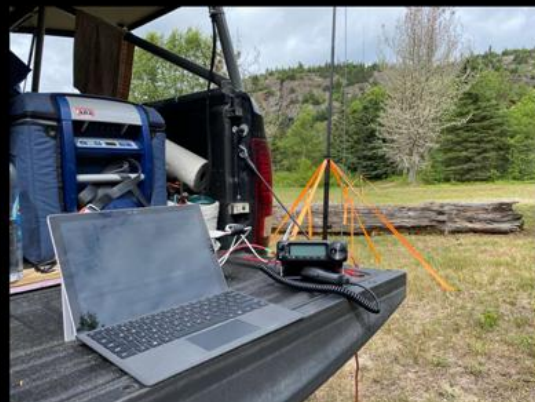
- This is admittedly overkill, will probably replace with a 20Ah model at some point
 - Should last 11 hours on a 50/50 duty cycle, 20/80 should go well over 15 hours
 - Originally purchased to run the refrigerator in my truck, but works well to also hook up the radio if I can operate from the tailgate.
 - Only weights 13.3 lbs
- Installed in a Powerwerx Battery Box with some custom ports added
 - ARB fridge socket, Anderson Power Pole input for charging, Anderson Power Pole output
- Added a West Mountain Radio Epic PWRGate
 - Integrated UPS system charged from DC input or Solar
 - DC input cut-off can be programmed to disconnect below cut-off voltage (so can charge from truck when it is running only)
 - Typically charged from solar panel on the roof of the camper
- <https://www.bioennopower.com/products/12v-50ah-lfp-battery-black-w-pvc-pack>
- <https://powerwerx.com/pwrbox-portable-power-box-large-bioenno-batteries>
- http://www.westmountainradio.com/product_info.php?products_id=epic-pwrgate&navcode=/qrz_epic

Battery – Bioenno 50Ah LiFePO4



Laptop – Microsoft Surface Pro 4

- Low power system, only runs the logger and occasionally a radio programming tool
- Lightweight, good battery life
- Can charge from inverter in my truck when I'm out driving from park to park
- Has an integrated keyboard/trackpad cover
- Tablet with a USB port!



Bag – Crumpler 7 Million Dollar Home

- Camera bag I have had for years
- Nicely padded and has lots of pockets
- I have re-organized since this photo
 - Added protective rails to the transceiver
 - Laid it down on the side to protect the end connections



More Photos





Links

Ontars— www.ontars.com

Elmira Radio Club— <https://ve3erc.ca>

Trans-Provincial Net - <http://tpn7055.com/>

Radio Amateurs of Canada— www.rac.ca

KW Amateur Radio Club - www.kwarc.org

Guelph Amateur Radio Club— www.garc.ca

ERC Elmira Radio Club Inc. - Meeting Minutes

November 25, 2020

Attendance - Members

Bill Reid VA3QB
Thomas Daniel VA3VRA
Jack Sinclair VA3WPJ
Graham Bauman VE3BYP
Doug Kuhn VE3CXU
Rich Clausi VE3DCC
Tony Lelieveld VE3DWI
Tom Mahony VE3DXQ
Jim Heidmiller VE3JMU
Ken Buehler VE3KCY
John Linnerth VE3OVO
Bruce McLellan VE3QB
Roger Sanderson VE3RKS
Reg Horney VE3RVH

Attendance - Officers

Brian Filbey VA3DXK - President
Ted Rypma VE3TRQ - Vice President
Paul Curtin VA3PDC - Treasurer
Wesley Snarr VE3ML - Trustee
Kirk Sinclair VA3KXS - Secretary

Guests:

Judd Hodge N4WXU/VE3WXU

Meeting Location: Zoom

Meeting Minutes

1. Call to Order:

- a. Meeting was called to order by President, Brian Filbey VA3DXK at 7:31pm and he welcomed everyone present.

2. Roll Call:

- a. Roll call established those present and it was noted quorum had been attained.
- b. Bob Koechl VE3IXX sends regrets and has provided his proxy votes on the motions to amend the By-Law & Constitution.

3. Approval of Agenda:

- a. Brian displayed the agenda on screen, which had also been circulated prior to the meeting.

- b. MOTION to approve the agenda as presented.

Motion by: Brian Filbey VA3DXK

Carried

4. Secretary Report: Presented by Kirk Sinclair VA3KXS.

- a. Correspondence Received: None.
- b. Inventory Updates:
 - i. The FT-8800R Tony VE3DWI is using as a link radio for the Alma repeater has been added to the inventory, but has not yet been uploaded to the website.
- c. Clarification on Quorum:
 - i. Paul VA3PDC confirmed via email after the last meeting there are 32 paid members of the Elmira Radio Club. Per our Constitution a minimum of 1/3 is required for quorum at a meeting, which today is 11 members. To pass amendments to the Constitution or By-Laws, majority approval of paid members is required which today is 17.
- d. Notification to members of the intention to review motions to amend the Constitution & By-Laws was sent via email to members on November 15.
- e. Minutes of the October 28, 2020 meeting were emailed to members on the same day.
 - i. No corrections to the minutes were noted.
- f. MOTION to approve the minutes of October 28, 2020.
Motion By: Bill Reid VA3QB
Carried

5. Treasurers Report: Presented by Paul Curtin VA3PDC

- a. Paul displayed the details of the transactions for the month of October.
- b. Ted VE3TRQ noted the Service Charge Waiver under expenses should be Service Charge, Paul will make that update
- c. MOTION to accept the amended Treasurers Report
Motion By: Paul Curtin VA3PDC
Carried

6. Presidents Report: Presented by President Brian Filbey VA3DXK.

- a. Brian thanked Bill and other members of the technical committee again for their work on the repeater at the Feed Mill. The club repeater system is in much better shape than we were months ago and the system is now much more serviceable. Bill also thanked Jim, Bruce, Tony, Paul, Wes.

7. Committee Reports:

- a. Safety Officer - Tom Mahony VE3DXQ

- i. No incidents reported from work at the Feed Mill.
 - ii. Tom requested someone else take on the role of the Safety Officer. Kirk VA3KXS agreed to take on the role.
 - iii. Brian thanked Tom for his service in this role up to this point.
 - iv. Brian asked if there were official duties of the Safety officer. Rich VE3DCC commented that the Safety Officer role was created for group events to keep an eye on things and be looking for potential hazards.
- b. Technical Committee - Bill Reid VA3QB
- i. Bill reported there are some issues hearing signals from the Feed Mill VHF repeater in Guelph, but at the same time Ted is reporting that Bill's transmissions are heard at full quieting. Bill suggested finding an amp that will perhaps balance the output with how well the radio hears. Tony has an amp he is willing to donate for this purpose. Will need to verify the amp is compatible with the repeater. It was noted the antenna could also be an issue as it is a lower dB gain model.
 - ii. There are no planned updates to the Alma repeater over the winter. Plans for this site next year include adding two more sections to the tower for an additional 16'. May need to add concrete to the base to ensure it does not shift.
 - iii. Bill noted that there is still a backup UHF repeater at the Firehall on the same frequency (444.700 /+5 offset / 123 tone) that people can switch over to if there are issues with the Feed Mill UHF repeater (131.8 tone).
 - iv. Tony does disconnect the link radio between Alma and the Feed Mill while nets are in progress due to the long tails required for each transmission.
 - v. Bill is planning to have a Field Day event of some sort, even if it is socially distanced. Will approach the owner of the airfield on Northfield to determine if we can use his site this year.
- c. Club Electronic Footprint Update/Status - Ted Rympa VE3TRQ, Kirk Sinclair VA3KXS
- i. Ted mentioned there are 3 repositories for club information:
 - 1. VE3ERC.CA password protected section for club members
 - 2. Groups.io private area for the Executive
 - 3. Groups.io public area for everyone
 - ii. Kirk added that there is now an electronic password safe accessible to the Executive.
- d. Nominations Committee - Brian Filbey VA3DXK
- i. Brian noted that our constitution requires a constitution committee be struck 6 months prior to the AGM. Instead of appointing members, Brian requested volunteers. Tom VE3DXQ volunteered for the committee. Rich VE3DCC also volunteered. Brian will look for an additional member for the committee, Rich suggested asking Al to participate in the committee.

- ii. Brian is planning to add a request to the newsletter for members of this committee.

8. Unfinished Business:

- a. MOTION to strike out the paragraph beginning "*The current slate of officers is as follows*" in **Article II Officers; Section 2. Officers** as currently written in the **Elmira Radio Club Constitution**.
Motion By: Kirk Sinclair VA3KXS
Carried
- b. MOTION to substitute the following for **Article IX Amendments** of the **Elmira Radio Club Constitution**:
"Motions to amend the Constitution or By-Laws must be submitted in writing at a regular meeting and if seconded shall be voted on at the next following regular meeting, provided all members have been notified by email of the intent to amend the Constitution and/or By-Laws at the next following meeting. A majority of the full membership must approve any motions to amend the Constitution or By-Laws. Club members can vote on motions for amendments to the Constitution or By-Laws in person or via a proxy who is specified in writing to the Secretary."
Motion By: Kirk Sinclair VA3KXS
Carried
- c. MOTION to recognize the objects for which the ERC Elmira Radio Club Inc. corporation was incorporated by prepending them to the current **ERC Constitution & By-Laws** document, henceforth referring to this document as the **ERC Charter, Constitution & By-Laws**. The text of the first section of the document would become:

CHARTER

The objects for which the corporation is incorporated are:

To provide backup radio communications for the Township of Woolwich, Waterloo County, in times of civil emergencies.

To provide radio communications support for non-profit community organizations on a voluntary basis.

To initiate, facilitate and sustain study and research into amateur radio communications and related hobby technologies, locally, provincially and nationally.

Motion By: Kirk Sinclair VA3KXS

Carried

Notes: Kirk VA3KXS to update the document for all three changes, forward to Exec and ask Ted to upload to website.

9. New Business:

- a. Virtual Christmas Meeting/Gathering - ideas for December - Brian Filbey VA3DXK
 - i. Group agreed on a Zoom chat that starts at 7pm. There will not be a regular business meeting in December. Ted may investigate broadcasting the meeting over the repeaters.

10. Presentations

- a. Paul Curtin VA3PDC played a YouTube video demonstrating the effects of grey line propagation: **Looking at 40 meter Propagation using WSPR and a EFHW Antenna**

11. Announcements

- a. Next Club meeting will be an informal Zoom get-together and is on Wednesday, December 23rd, 2020 at 7:00pm.

12. Adjournment

- a. MOTION to adjourn at 8:51pm

Motion By: Brian VA3DKX

Carried

Action Sheet:

Action Required	Reference(s)	Action By	Deadline Date
Request a notice be added to the newsletter requesting volunteers to the Executive Nomination Committee	7.d.ii	Brian Filbey VA3DKX	Before November Newsletter publishing date
Update the ERC By-Laws & Constitution document, distribute to Exec and request it be posted to the VE3ERC.ca website	8.a, 8.b, 8.c	Kirk Sinclair VA3KXS	Before December meeting

Come Join In



**TO THE ERC
VIRTUAL CHRISTMAS PARTY
ON ZOOM**

**WEDNESDAY DEC. 23
7 PM
POT LUCK ???**



From the PAST

This month we have two old memories recorded in newspapers.

Rich sent a newsclip (bottom left) from The Elmira Observer in 2014 when the Elmira Radio club sponsored **Scouts on the Air**. It was a day of workshops where local scouts were given hands-on opportunity to participate in various activity stations, both on and off the air. One significant other station included Jim VE3JLC (for which there was no picture but which was mentioned in the article) running a cw station which allowed the scouts to try their hand at morse code.

The second old memory is a newspaper clipping sent in by Mike VE3MKX that is dated 1935. It shows the amateur radio station set up at the CNE in Toronto. Traditionally, the station was manned by volunteers from all over the province for the duration of the exhibition. Notice the interesting callsign for the station—VE9CNE...



Callum Knox and Brendan Marshall listen in with the help of a radio operator (Bob VE3IXX) when they find contact with some of the 700,000 other Scouts participating world-wide. From the Elmira Observer on Oct. 24 2014.

