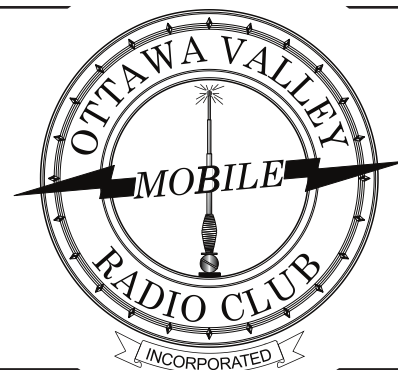


Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



Volume 64

Issue 7 — March 2022

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President's Ramblings

The other day, I was fortunate to receive an invitation to another club Zoom meeting. I decided to make it a priority to attend and I was pleasantly surprised to see the activity going on at the Seaway Valley ARC. Check out: www.svarc.ca.

While participating in the Zoom meeting, I saw ways our club could help them further their activities along the line of transmitter hunting. I put Roger, VA3EGY in touch with the club and they are already planning joint meetings to foster transmitter hunting.

Clubs helping clubs! We do it here in the NCR since many of us belong to more than one local club and generally know what is going on but I think we should think about spreading our wings beyond the NCR. Think of it, we can tap into an entirely new group of interesting meeting presenters on a variety of topics.

All of the clubs would benefit from a variety of views on various topics, not to mention a whole new group of fellow Amateurs meeting fellow Amateurs.

What a rewarding experience it was and I was so pleased I made the effort to attend. Win, win!

I want to remind OVMRC club members:

- start planning for another OVMRC DIY Field Day. We will review this as we get closer to the June AGM. (think QRP, battery power, and some solar, for maximum multipliers). Lets try to exceed last years participant total and score!

- contact Alan (Rambler editor) va3iah@rac.ca for some guidance in submitting your article for the Rambler. New articles are always welcome.

- the club offers to members in good standing LMR 400, LMR 195, RG 316 coax and soon, a variety of ferrite toroid cores, at subsidized pricing, for your projects.

- year end door prizes. Every zoom meeting you attend you receive another "free" entry ticket for the draws. (make sure your membership is up to date!)

That's it for my March ramblings. Everyone is invited to join the OVMRC March Zoom meeting Wednesday March 16. Check in will start at the usual ~ 6:45 PM with a start time as close to 7:15 as possible. Anyone not receiving the check in credentials can do so by sending an *(Continued on page 5)*

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Notice of Meeting

Wednesday Mar. 16th 2022
via **Zoom**

Check-in Time 6:45 to 7:15 P.M.

Members and invited guests will be sent an email invitation several days before meeting date with login and password. Others not on our mailing list please contact Norm at: ve3lc@rac.ca for invitation.

Agenda

- Call to Order at 19:15 by Barry, VE3NA;
- Greetings to Guests and New Members;
- Chairperson Reports;
- **Feature Presentation:** Contest station PJ2T (Curaçao) Rob VE4GV
- Announcement of the Québec QSO Party - Georges-André, VE2VAB
- Meeting adjournment to be followed by Rag Chew for those interested

OVMRC Executive and Officers 2021-2022

President:

Barry Allison, VE3NA
ve3na@rac.ca

Vice-President:

Norm Rashleigh, VE3LC
ve3lc@rac.ca

Treasurer & Membership Records:

Nicole Boivin, VE3GIQ
nlboivin@sympatico.ca

Corporate Secretary:

Ron Smith, VE3LBU
rjs3.smith@gmail.com

The above four positions are "Directors" and officers in charge of running the Corporate affairs of the Ottawa Valley Mobile Radio Club Inc.

Standing Committees

Club Projects & Bulk Orders:

Barry Alison, VE3NA
ve3na@rac.ca

Radio Course &

Accredited Examiner:

Norm Rashleigh, VE3LC
ve3lc@rac.ca

Meeting Reception:

John McGowan, VA3JYK
john.mcgowan1314@gmail.com

Nets & Radio Operations:

Hugo Kneve, VE3KTN
ve3ktn@rac.ca
Nicole Boivin, VE3GIQ
nlboivin@sympatico.ca

Rambler Newsletter Production:

Alan Hotte, VA3IAH
va3iah@rac.ca
Bill Hall, VA3WMH
bmhall@rogers.com

Club Web Site & Social Media:

Darin Cowan, VE3OIJ
ve3oij@amsat.org

OVMRC Repeater Keeper:

Norm Rashleigh, VE3LC
ve3lc@rac.ca

Special Events:

Roger Egan, VA3EGY
va3egy@gmail.com
John McGowan, VA3JYK
john.mcgowan1314@gmail.com

OVMRC Groups.io

Ongoing discussion Group at:
<https://ovmrc.groups.io/g/main/topics>; if you are not a member please subscribe. All radio amateurs are welcome.

*Ottawa Valley Mobile
Radio Club, Incorporated
PO Box 41145
Ottawa, ON K1G 5K9
www.ovmrc.on.ca*

OVMRC Life Members

Ernie Jury, VE3EJJ
Maurice-André Vigneault, VE3VIG
Ralph Cameron, VE3BBM
Doug Carswell, VE3ATY
Doreen Morgan, VE3CGO

OVMRC Repeaters

VE3RAM

Limited coverage to
Orleans and East Ottawa

443.700 MHz (+)
DMR CC1 & D-Star
Network connected to
Brandmeister

VE3TWO

Limited coverage to
East and South Ottawa
147.300 MHz. +, PL 100.0 Hz.
Analogue FM and C4FM

Special Event & Field Day Call Sign

VE3JW

The Rambler is the official newsletter of the Ottawa Valley Mobile Radio Club Incorporated and is published 10 times a year (monthly, except for July and August). Opinions expressed in the Rambler are those of the authors and not necessarily those of the OVMRC, its officers or its members. Permission is granted to republish the contents in whole or in part, providing the source is acknowledged. Commercial use of the contents is expressly prohibited.

Submit articles and notices to:

Alan at va3iah@rac.ca

OVMRC Affiliations



Local Weekly Nets

(all check-ins welcome)

- **Rubber Boot Net**, VE3OCE 146.880 MHz (-)136.5 Hz tone mornings at 7:30 AM conducted by Roger, VE3NPO
- **Pot Hole SSB Net**, 3760 kHz, every Sunday morning at 10:00 AM conducted by Ernie, VE3EJJ, or Glenn, VE3XRA.
- **Pot Lid Slow Speed CW Net**, Sunday night, 7:30 PM, 144.095 MHz., vertical polarization. In response to interest co-controllers Hugo (VE3KTN) and Norm (VE3LC) have kicked off a re-launch of the Sunday evening Pot Lid Net in its 48th season for accomplished and budding CW operators. A permanent net control station is being sought who can dedicate time as a Net Control Station each Sunday night.
- **QCWA Chapter 70 Net**, VE3OCE 146.880 MHz (-) 136.5 Hz tone, Monday evenings at 7:30 PM conducted by John, VE3ZOV
- **Capital City FM Net**, VE2CRA 146.940 MHz -, (100 Hz tone), Monday evenings at 8:00 PM.
- **Champlain Mini Net**, VE3STP 147.060 MHz -, (114.8 Hz tone), held Monday through Friday at 7:00 PM.
- **Upper Frequency Net**, Simplex 144.250 MHz using USB, Tuesday evenings at 9:00 PM conducted by Glenn, VE3XRA. Following check in on 2 m you can check your radios on 6 m at 50.150 MHz and 70 cm on 432.150 MHz as well using USB. All check ins are welcome.
- **Phoenix Net**, VE3OCE 146.880 MHz (-) 136.5 Hz tone, Tuesday evenings at 7:30 PM conducted by Pete, VE3XEM
- **OVMRC 2-Metre Net**, Thursday Evenings, 8:00 PM, Club Net on FM will be held through VE3OCE 146.880 MHz (-)136.5 Hz tone conducted by Hugo, VE3KTN.

Informal Amateur Radio Restaurant Gatherings

(All Cancelled until Further Notice)

- **QCWA Chapter 70** breakfast gathering every **Tuesday** morning at 7:30 to 10:00 AM, Summerhays Grill, 1972 Baseline Rd., Nepean
- **Orleans Coffee gathering** every **Friday** morning at 9:00 AM, McDonalds, 2643 St. Joseph Blvd, Orleans
- **QRP Group Dinner** meeting, **2nd Wednesday** every month, 5:00 PM, Newport Restaurant, 322 Churchill Ave N., Ottawa
- **Phoenix Net monthly Breakfast** gathering, usually the **second Saturday** every month at 9:00 AM, T-Basil Restaurant, 2440 St Joseph Blvd, Orleans. (get on Pete VE3XEM's mailing list for a monthly reminder ve3xem@rac.ca)

Prominent Ottawa area Radio Amateur, Dave Conn, VE3KL (SK)

We are sad to report that David Conn passed away March 1st; he was 86. Dave became a radio amateur licensed as VE3CBR in Kingston, Ontario in 1950 and obtained his 2 letter call sign VE3KL in 2000. Dave was a member of the Ottawa Amateur Radio Club as well as the Ottawa Chapter of the Quarter Century Wireless Association where he served as Vice President and then President between 2008 and 2013. During that time and afterwards, he often hosted the Chapter's executive meetings at his home in Nepean. Dave was presented his QCWA 65 year Golden Certificate at the May 2015 Chapter meeting and his QCWA Century Certificate at the May 2019 meeting. Dave was an avid CW operator and delighted experimenting with wire antennas while operating at his summer time cottage.

Dave was also an accomplished electrical engineering academic; he graduated from Queens University in 1959, obtained his Masters Degree in 1961 and received his PH.D. in 1970. From 1972 to 1976, he taught at Carleton University and then had a career at Bell Northern Research involved with the development of high power microwave amplifiers until 1987. In that year, Dave returned to academia teaching Electrical Engineering at McMaster University in Hamilton and served there as Chair of the Electrical and Computer Engineering Department. In year 2000, Dave retired with the distinction of Professor Emeritus to Ottawa along with his wife Liliana and got seriously involved with amateur radio again.



Amateurs across Canada will know Dave for his regular and very insightful column “Antennas & Transmission Lines” published for many years in “The Canadian Amateur” (TCA) magazine published by Radio Amateurs of Canada. Dave was also a frequent presenter at local radio club meetings on topics mainly to do with amateur antennas systems. Dave last presented to the OVMRC at the April 2017 meeting on the topic “Simple Practical HF Antennas for your Home Station”.

Everybody that knew Dave will sorely miss his company; he was a true gentleman and scholar always ready to humbly instruct in the ways of designing and building their antenna systems.

Dave's obituary is available at:

<https://coleguneralservices.com/tribute/details/7963/David-Conn/obituary.html#tribute-start>

Our sincere condolences go out Dave's wife Liliana and his entire family.

Norm, VE3LC

(Continued from page 1)
email to Norm, (Zoom custodian)
ve3lc@rac.ca.

The OVMRC meetings are open for all to attend. Club membership is not required (but of course we would like to have you as a new member). Guests wishing to attend can submit a request to the Zoom custodian (see above) and joining credentials will be sent to you.

73

Barry, VE3NA

Meeting Minutes for February 16, 2022

Date / Time: Wednesday, February 16, 2022 @ 19:15

Location: Via ZOOM on line meeting

1. Call to order:

President Barry Allison, VE3NA called the meeting to order at 19:14. There were 59 official check-ins.

2. Moment of Silence and Guest Greetings:

Barry, VE3NA began the meeting with a moment of silence for Erna Jury spouse of Ernie Jury, VE3EJJ who passed on February 2. Following the observance, Barry extended greetings to everyone for this second meeting of 2022. Guests included Wain Trotter, VE3DX; Wayne Stacey, VE3QO; Tom Madden, VA3TXL; and Nick Sheppard, VE3OWV. A special welcome was extended to guest speaker Les Brown, VE3NNT.

3. Approval of minutes from previous meeting:

MOTION: Moved by Bill Henderson, VA3HWA and seconded by Fred Crowe, VE3LAF that the minutes of the meeting held Wednesday, January 19, 2022, be approved.

VOTE: No Objections.

CARRIED.

4. Projects, Haves, Wants and Announcements:

A) Haves: Barry, VA3NA advised members that the club has a supply of LMR 195 coax and connectors in stock. Toroids have been ordered.

B) Wants: None noted.

5. Agenda and Meeting Content:

Barry, VE3NA outlined the agenda for the meeting which included:

- Feature Presentation: Les Brown, VE3NNT – Remote Operations and CW Contesting.

Les presented a number of slides tracing the set up and remote operation of his cottage shack on Havelock Lake in the Kawarthas. He can access his set up from his home in Mississauga. Les was first licensed in 1967 in his teens as VE3ABN but after his parents sold their home, Les went silent in the late 70's. He returned to the air in 2015 and began rebuilding his HF capabilities over a 5-year period, including the erection of a 90-foot tri-leg tower at his cottage. Les is a proponent of CW contesting presently using dual band HF operations on a Flex HF rig. Following some questions, Norm,

VE3LC thanked Les for his excellent presentation.

- **Quebec QSO Party:** Barry, VE3NA reminded members about the first ever, Quebec QSO party happening on Sunday, April 17, 2022 from 08:00 to 15:00 EST. This event is teamed up with Ontario QSO Party on the same weekend in April, to take advantage of the synergy between the two provinces. The goal is to bring new people into 'contesting' and create a rewarding experience for all experience levels. Logging software N1MM already includes the QCQP. The event will take place on the 80-40 and 20 metre bands. The website is up and running so for more information go to

<https://wp1.quebecqsoparty.org/>

- **CN Ride for CHEO:** Barry, VE3NA noted that entries are now being accepted for the event.

6. Chair Reports:

Financial Report and Membership - Nicole Boivin, VE3GIQ:

Highlights of the financial summary include:

\$27,380 approximately in the bank account, including cash; 125 Memberships are active. Approximately \$13,000 will be invested from the bank account into a suitable interest paying investment, to be announced. Club donations as per the budget will be doled out soon. Nicole is still looking for an expression of interest by members for a presentation on self- Investing your retirement funds. This would be a separate Zoom meeting. Please contact Nicole at ve3giq@rac.ca.

Net Operations: Hugo Kneve, VE3KTN –The latest Nets Summary can be found in The Rambler. Hugo advised the nets are healthy including the resurrection of the CW slow speed Pot Lid Net Sunday nights at 7:30 on 2M CW. Tune to 144.095 Mhz, vertically polarized.

Transmitter Hunting: Roger Egan, VA3EGY updated the local program, which includes one per month for the scouts. Members can keep up with these activities on the ARDF website (ARDFOTTAWA.ca). Roger reminded members that a portable VHF-UHF roll up J pole antenna kit is available for \$25.00. Please contact Roger at va3egy@gmail.com

Canadian Ski Marathon: Neil Herber, VE3PUE advised the Ski Marathon is virtual only and is on until March 21.

February OVMRC Meeting Feature Presentation:

Remote Operation for contesting Les, VE3NNT

The OVMRC feature presentation for February was provided by Les Brown, VE3NNT (CW), VA3FV (SSB), who gave a wonderful overview of his ongoing projects associated with setting up his cottage QTH as a first class ham radio remote operation. Les was very active on CW in the early 1970s, particularly in contests and then after 35 years off the air jumped back into ham radio in 2015. Since then Les has made up for lost time with major milestones

Rambler: Alan Hotte, VA3IAH thanked everyone for their contributions to the Rambler and he welcomes any and all submissions for publication in the monthly newsletter. Many design changes are taking place, including consideration for the visually impaired. Pete, VE3XEM asked about the on-line reading format and whether improvements are contemplated. Please contact Alan at VA3IAH@rac.ca with your article and ideas.

Testing Continues: Norm Rashleigh, VP, VE3LC – Norm, VE3LC administers Basic and Advance testing for those entering the hobby or those wanting to upgrade their certificate. Contact Norm at ve3lc@rac.ca.

7. Upcoming contests:
For more detailed information on upcoming contests, see the

in the development of his station year after year, which has been described in detail on his QRZ page. See below a picture of Les in his shack.



Les described the evolution of the antennas at his cottage QTH which started with 20 and 40 meter dipole antennas, and grew to include a 90 foot self-supporting tower with an 80m Yagi installed above a 4-band Yagi Optibeam OB17-4 plus, see antenna photos

WA7BNM contest calendar:
<https://www.contestcalendar.com/>

RAC Members can login and go here:

<https://wp.rac.ca/amateur-radio-contest-calendars/>

ARRL Members can log in and go here:

<http://contests.arrl.org/>

8. Adjournment:

MOTION: Moved by Glen MacDonell, VE3XRA to adjourn the business meeting at 21:16.

9. Next meeting:

The next monthly meeting of the OVMRC will be held via Zoom Wednesday, February 16, 2022 at 7:15 pm.

Minutes recorded and prepared by Secretary, Ron Smith, VE3LBU

below. 80m is now Les' favorite band for working DX, particularly Europe starting around 3:30 in the afternoon and then later in the evening at their sunrise. His Yagi's he found to be a huge improvement over his inverted V antennas with a reception on 80m which he describes as being like what you would expect on 40m or 20m.

As can be seen in the picture the tower also houses an internet antenna which is the linchpin of his remote operation and also something he was able to use to assuage neighbours by having his tower as the source of internet distribution antennas as well as defray costs in a creative deal he worked out with his service provider to reduce his internet costs. Les' high speed internet service runs at 20 Mbit/s downstream and 10 Mbit/s

upstream enough for the Flex Maestro to function remotely. Additional routers are also in reserve to improve the latency at both cottage and home. This is an essential feature in considering any remote operation along with many remote reset and restart switching capability to ensure continued operation given occasional internet and power outages. A picture of Les' band filters and some of his switching apparatus are included in a picture below.



Even though his cottage QTH generally had low RF noise, Les was experiencing a 2 kHz wide noise bands every 53 kHz across most HF bands. To address this he purchased a portable spectrum analyzer, the Tektronix RSA-306B and built a resonant loop antenna tuned to one of the noise bands on 20 m (*see photo*) and went hunting.

What he discovered, just as some OVMRC club members have, was

QRM from an early generation of electrical power supply ballasts for cottage UV water filtration systems among several of his neighbours. Undaunted, Les contact the manufacturer and after some negotiation obtained agreement to replace these ballasts at cost which he then offered to his neighbours and installed them at no cost.



During one of Les' first runs at remote contesting from his home QTH of Mississauga during the CQWW CW contest he racked up 1685 contacts in 32 hours. Even with this respectable showing Le still thought there was room for improvement and that this would be inhibited by his equipment, which includes Flex Radios such

as the Flex 6500 which was then replaced with a Flex 6600M.



Les' remote station is truly a marvel of information technology remote automation, engineering prowess not to mention working through lengthy and detailed negotiations with both local municipal authorities and neighbours. Undaunted from all this Les is still planning, improving and building his amazing station. For more information please visit Les' QRZ page for additional details and additional pictures not captures here.

*Summary provided by
Alan, VA3IAH*

Telegram Is Sent From Moving Train *Ottawa Journal 6 May 1929*

Thanks to Pat, VE3KJQ for making mention of a 1929 Ottawa Journal article on the OVMRC 2m net of Thursday, March 3 2022. Pat, VE3KJQ came across the reference to *“Telegram is sent from moving train”* as part of a railway website developed by Colin Churcher (<https://churcher.crml.org/circle/excursions.htm#Telegram>). Colin Churcher's Railway webpages are a rich resource for many aspect of railway history and are part of the C. Robert Craig Memorial Library website which is a railway history library housed in the City of Ottawa Archives and is one of the two largest in North America, containing among other things some 50,000 photographs of trains.

From the Ottawa Journal 6 May 1929
Telegram Is Sent From Moving Train
First Message of Its Kind Is Received By The Journal
History was made on Sunday when telegram and telephone messages
were sent from a C.N.R train which was travelling 30 miles an hour. The
Journal was the first in Ottawa to receive a telegram of this kind. The
message from The Journal man on the train follows:
Toronto, May 5, '29.
The Editor.
The Journal Newspapers,
Ottawa.
This message is sent you from Canadian National train travelling north
from Toronto. Demonstration a great success.
V. M. K.

While this accomplishment was remarkable, as was raised Hugo, VE3KTN how might it have been accomplished? As a result of a little crowd sourcing (thanks to Fred, K6DGW and Bill, K1BH) this innovation came about for more than just the convenience of passengers.

The man at the centre of this accomplishment was the truly remarkable Granville T. Woods (1856-1910) who registered approximately 60 patents in his lifetime, including a telephone transmitter, a trolley wheel, self-charging electric car the “Woods coupe”, third rail electric supply for subway cars, a rollercoaster and the multiplex telegraph to name a few.

Woods's most important invention was the multiplex telegraph, also known as the "induction telegraph," or block system, in 1887. The device allowed communication by voice over telegraph wires, ultimately helping to speed up important communications and, subsequently, preventing crucial errors such as train accidents. Woods defeated Edison's lawsuit

that challenged his patent, and turned down Edison's offer to make him a partner. Beginning during Woods's lifetime, trade publications and other newspapers took to calling Woods the “Black Edison,” a nickname that reflected the virtual absence of Black Americans in engineering

during recon-struction and the late 19th century.

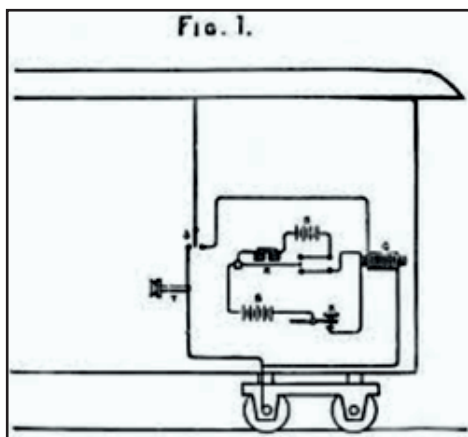


The system worked by taking advantage of the telegraph/telephone lines running parallel to the railway tracks along with a battery under the communications train car wrapped in wire which functioned as an induction battery coupling with the telegraph/telephone lines. This allowed messages to be sent from the moving train to the train station, or to other moving trains. Messages were composed inside of the train car. Granville Woods set up also included a telephone and the communications officer would have to decode the telegrams and also listen for telephone calls.

Thanks Pat, VE3KJQ for the lead and hope all enjoy exploring Granville T. Woods' induction telegraph.

73, Alan, VA3IAH





REFERENCE LINKS:

<https://dggarrett.weebly.com/the-railway-telegraphy-system.html#:~:text=The%20telegraph%20lines%20parallel%20to%20the%20tracks%20also,Messages%20were%20composed%20inside%20of%20the%20train%20car>

<https://churcher.crml.org/circle/excursions.htm#Telegram>

<https://www.biography.com/inventor/granville-t-woods>

<https://www.atlasobscura.com/articles/granville-woods-inventor>

Hotspot Digital Corner

Add your favorite lesser known Talk Groups, Reflectors and Rooms

As many OVMRC members are exploring various internet enabled digital modes through hotspots, please share any of the lesser known Talk Groups, reflectors or rooms where you have found interesting QSOs! For anyone new to digital modes don't forget to check out Norm's (VE3LC) great introductory article to DMR and hotspots which appeared in the September 2020 issue of the Rambler. Also, don't forget the cardinal rule of digital QSOs through hotspots; allow a three second gap between calls to avoid all the wonderful digital "QRM" that can result.

To get the ball rolling, see the table to the right for a few talk groups, reflectors and rooms that I visit regularly or have found interesting. Send me your lesser known TGs, Reflectors and Rooms at va3iah@rac.ca.

DMR	
302050	CANNET Friday 9pm
30271	BC DMR Net Friday 11pm
P25	
10200	North America TG
YSF / FCS	
YSF 10067 link to XLX196	Link to Almonte digital net Tuesday at 8pm
YSF 17206 link to XLX416	CANNET Friday 9pm
YSF 32592	US America Link
YSF 77353	CA CDN C4FM Ontario
FCS 00117	Wires-X Cdn Link Tuesday 8pm
FCS 00319	X-Cdn C4FM Net Wednesday 9pm

Chess-Playing Ham Radio Satellite!

I couldn't resist passing along this gem from the March 3rd ARRL letter which identified that a chess-playing ham radio satellite known as URESAT-1 being developed by Spain's UNIÓN DE RADIOAFICIONADOS ESPAÑOLES (URE) (www.ure.es) may be launched aboard a SpaceX Falcon-9 rocket from Cape Canaveral in October 2022.

The URE has described URESAT-1 as being based on the architecture used in the AMSAT-EA GENESIS, EASAT-2, and HADES satellites but with significant improvements, such as a 32-bit computer, and enhancements in the deployment mechanism, antennas, and

batteries. URESAT-1 capabilities include a VHF/UHF FM ham radio repeater as well as a digipeater with AX.25 and APRS capability. URE says the payload is not yet confirmed but could include a slow-scan television (SSTV) camera such as the one that flies on the HADES satellite, possibly a thruster, or other experiments. Among the confirmed project is a chess game that will allow radio amateurs to play against the onboard computer via FSK telemetry.

For more check out the radioaficionados web site above or future ARRL letters for more technical specifications and what the final list of capabilities might be.

73, Alan, VA3IAH

OVMRC Net Activity, Check-ins for February 2022.

Prepared by: Hugo Kneve VE3KTN

OVMRC 2 Metre Net: VE3OCE 146.880- 136.5 Hz. tone, Thursdays 8 p.m. local.

February 3	February 10	February 17	February 24
VE3KTN – NCS	VE3KTN – NCS	VE3KTN – NCS	VE3KTN – NCS
New & Visitors	New & Visitors	New & Visitors	New & Visitors
Check-ins	Check-ins	Check-ins	Check-ins
VE3YY	VE3RUU	VE3RUU	VE3RUU
VA3EO	VE3ZZU	VA2XC	VE3NA
VE3ZZU	VE3NA	VE3OTW	VE3LC
VE3SYZ	VE3LC	VE3NA	VE3LBU
VE3NPO	VE3LBU	VE3LC	VA3IAH
VE3NA	VA3IAH	VE3LBU	VA3HBL
VE3LC	VA3HBL	VA3IAH	VE3VIG
VE3LBU	VE3YY	VE3VHU	VA3EO
VA3IAH	VA3FCO	VA3HBL	VE3KAE
VE3EUS	VA3GLB	VE3SYZ	VA3AL
VE3KAE	VE3NPO	VE3KAE	VE3EUS
VA2OJD	VE3KAE	VA3GLB	VE3YY
VE3OTW	VE3BOE	VE3YY	VE3SYZ
VA3GLB	VE3OTW	VE3NPO	VE3BOE
VE3BOE	VE3KJQ	VA2OJD	VE3ZZU
VE3KJQ	VE3RXN	VE3KJQ	VE3KJQ
VA3AL	VE3OKD	VE3BOE	VE2OCQ
VE2OCQ	VE3VIG	VA3AL	VE3OTW
VA3HBL	VA3HJR	VE3VIG	
VE3VIG	VE3EUS	VA3HJR	
VA2XC	VA2OJD	VE3ZZU	
VA3BGO			
VE2VAB			
VE3LAF			

OVMRC Pothole Net: 3760 kHz. LSB Sunday mornings at 10 a.m. local.

February 6 SFI:126 A:12	February 13 SFI:111 A:13	February 20 SFI:96 A:9	February 27 SFI:95 A:10
VE3XRA – NCS	VE3EJJ – NCS	VE3XRA – NCS	VE3EJJ – NCS
New & Visitors	New & Visitors	New & Visitors	New & Visitors
		Peter – VA3PYT	
Check-ins	Check-ins	Check-ins	Check-ins
VE3EJJ	VE3QN	VA3BGO	VE3QN
VE3ICV	VE3LC	VE3EJJ	VE3BAE
VE3QN	VE3ICV	VE3QN	VA3QV
VE3LC	VA2EV	VE3LC	VA3EO
VA3PSI	VE3XRA	VE3ICV	VE3ICV
VE3YY	VA3BGO	VA3PSI	VE3LC
VA3TXL	VA3PSI	VA2EV	VA3PSI
VE3KTN	VE3RXN	VE3YY	VE3YY
VE3RXN	VE3KTN	VE3KTN	VE3NPO
VE3SYZ	VE3CWM	VE3SYZ	VE3SYZ
VE3CWM	VA3EO	VA3TXL	VA3BGO
VE3BOW	VE3BOW	VE3RXN	VE3KTN
	VE3NPO		VE3KAE
			VE3MDC
			VE3XRA
			VA2EV
			VE3CWM

The “SFI” and “A” values are the Solar Flux Index and Geomagnetic A-Index respectively as reported on the N0NBH Space Weather web site: <https://www.hamqsl.com/solar.html>. Values are taken within 30 minutes prior to net start time.

For DMR Radios, Hotspots, Antennas, QRP HF Radios and More



DXCANADA.CA



AnyTone Canadian Authorized Distributor

\$15 Discount to OVMRC Members on \$300 or more.