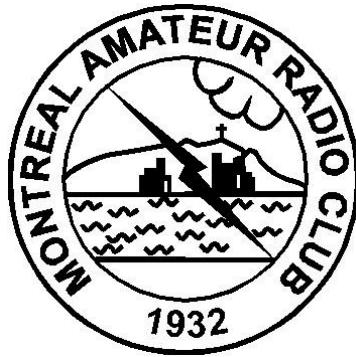


marcOgram

Official Publication of The Montreal Amateur Radio Club Inc.
Box 53047 - RPO Dorval, Dorval Quebec H9S 5W4



Volume 68, Number 9

Summer 2022

NEXT MEETING

IN PERSON!

Ragchew and general chit-chat: 19:30

Club meeting: 20:00

Tuesday 27 September at St. Thomas' Anglican Church

6897 Somerled (corner of Rosedale) in N.D.G. - Montreal

FROM THE EDITOR'S DESK

I hope everyone enjoyed a good summer. The weather was good and we had a great Field Day event in Centennial Park, Beaconsfield.

So far, so good! We continue with general meetings held **IN PERSON** with the 27 September meeting, the first of the new season.

The General Meeting for 27 September will be held in St. Thomas' Anglican Church meeting hall, 6897 Somerled, corner Rosedale, **IN PERSON**, with coffee and cookies!

Parking is on the surrounding streets, and bus access via #51 on Fielding (short walk south) and #102 on Somerled (long walk north). The entrance is at the back of the north side of the church on Rosedale.

SEE YOU THERE!

73 de Nora, VA2NH

- . . . -

ARRL Field Day 2022

compiled by Nora, VA2NH, with data from George, VE2NGH.

The MARC in conjunction with WIARC (West Island Amateur Radio Club) held a joint Field Day event on June 25-26, in Centennial Park, Beaconsfield. Without the enthusiasm and efforts of the main instigator George, VE2NGH, this whole Field Day might not have happened. George handled the preliminaries and established communication with the City of Beaconsfield, filled out endless forms and obtained the necessary permits to occupy their park.

The weather couldn't have been better, bright sun, cool breezes, and the park is very picturesque with tall trees suitable for many antennas.

Thanks to Harrison, VE2HKW, and Marc-André, VE2EVN, and their extremely efficient homebrew pneumatic tennis-ball launchers, the antennas were really high in the trees, contributing to the success of the contacts made. It's amazing what one can achieve with some glue and white PVC pipes, and our antennas have never been mounted so high in those trees.

George, VE2NGH, a seasoned contesteer, kept score and provided the logging computer, and brought almost all of the equipment the station used; antennas, coaxial cables, the all-important power distribution and grounding system, and George supplied and assembled the Elecraft

(Continued on page 4)

The MARCogram is published nine times per year on the second to last Wednesday of September through June, excepting December by the Montreal Amateur Radio Club. Advertising and copy deadline is one week prior to publication.

Annual fees are:
General Members \$30.00
Family Member \$35.00
per additional family member ... \$ 3.00
Postal delivery of MARCogram ... \$10.00

The membership year runs from September 1 to August 31. Memberships received on or after June 1 commence immediately and extend through the subsequent membership year - covering a period of up to fifteen months.

Articles published in the MARCogram may be reproduced providing credit is given to the original author and the Montreal Amateur Radio Club as the source.

The opinions expressed herein are, unless otherwise stated, solely those of the authors concerned, and not those of the Club, the Directors or members and do not represent the policy of the Club.

Directors

President: Marc-André Gingras, VE2EVN ve2evn@marc.ca
Vice-Pres: Leo Nikkinen, VE2SI ve2si@marc.ca
Treasurer: Harrison Kyle, VE2HKW ya2hk@kylenet.org
Secretary: Nora Hague, VA2NH va2nh@marc.ca
Directors: Sheldon Werner, VA2SH va2sh@marc.ca
George Hedrei, VE2NGH ve2ngh@marc.ca
Eamon Egan, VE2EGN ve2egn@marc.ca
Martin Charbonneau, VA2HKR.... ve2hkr@marc.ca

Club Call Sign: VE2ARC

Club Website: <http://www.marc.ca>

Repeaters

VE2BG 147.06 MHz (+) 103.5

Owned and operated by the Montreal Amateur Radio Club. Back on the air but still looking for a new location..

VE2RED 147.27 MHz (+) 103.5

On the air from Ridgewood Ave. in Montreal; CTCSS tone of 103.5 Hz for access. Thanks to Claude Everton, the VE2RMP group and Metrocom for making this possible.

The repeaters are open to all amateurs.

Meetings of the Board of Directors

Meetings of the Board of Directors are held on the first Tuesday of the month (Aug to June) at 19:30 on-line using the Zoom platform. The club no longer holds in-person board meetings. If you have questions, concerns or suggestions for the Board to discuss, please send an email to ve2arc@marc.ca for inclusion in the meeting agenda.

Club Activities

Monthly Meetings

(last Tuesday of the month)

27 September - TBA.

25 October - Annual General Meeting.

Every Wednesday, @ 20:00 (00:00Z), go to the net on VE2RED.
See page 3.

Radio Classes

The 2022 January Basic level course has ended. If you know of anyone interested in taking the course, please direct them to <https://marc.ca/course/> for more information. The next planned Basic course will start in January 2023.

MARC Hamfest

The MARC flea market is back!

The next MARC flea market will be held on 15 April 2023. The venue we found for the last hamfest was a success, so we will return to the Royal Canadian Legion Hall in Lachine, 3015 Henri-Dunant, from 09:00 to 12:00. Go to <http://marc.ca/fest/> for more information as it happens.

Incoming QSL card service

As has been mentioned in previous MARCograms, we are resuming the club's service of having incoming QSL cards sent to the club for members to pick up at meetings. This is a service which we are offering to our members which both saves the individual members money as well as makes more efficient use of our collective resources.

If you would like to avail yourself of this service please send an e-mail to qsl@marc.ca and we will add you to the list of cards that the incoming bureau sends to the club and we will get them to you somehow.

SolderSpot

Group build Power Supply Project - By Leo VE2SI

If you're interested and even if you've spoken with me before, please send an email to VE2ARC@marc.ca and indicate your level of interest.

Participation is open to everyone and MARC membership is not a requirement. Due to COVID-19, SolderSpot is temporarily on hold. Other options are being considered.

This project is standing by due to COVID-19.



UPCOMING FLEAS/EVENTS

2022

What: Carp 24th Annual Hamfest
Who: Ottawa Amateur Radio Club, Inc.
When: Saturday, 10 Sep, 2022
Where: Carp Agricultural Fair Grounds, Carp, ON

What: NEAR-Fest XXX
Who: New England Amateur Radio CFestival, Inc.
When: Friday-Saturday, 14-15 Oct, 2022
Where: Deerfield Fairgrounds, Deerfield, NH

2023

What: Iroquois ARC Fleamarket
Who: Iroquois Amateur Radio Club
When: Saturday, 1 Apr 2023
Where: Iroquois ON

Note from the editor.

Due to COVID -19, the list of hamfests and events is severely limited. Please check with the organizing authority before planning to attend as some may be cancelled.

VE2RED TUESDAY NET RETURNS

Any discrepancies, please inform Leo, VE2SI

The net closed down for the summer as everyone scattered from their usual schedules and pursued individual summer projects. The net will resume on **7 September** for the next season. Please join us every **Wednesday** evening at 20:00 local on VE2RED on 2m output frequency of 147.270 MHz (+600 kHz input offset) CTCSS tone of 103.5 Hz. Everyone is welcome. If you have something to sell, or are looking to buy, feel free to mention it.

We have a few Net operators hosting it, but
we're looking for more net operators!

We're always interested in adding to this team if you're interested. Send me an email if you would like to try out Net Operations for an evening.

Leo, VE2SI
leo49@videotron.ca

2022-06-01 Net commenced 20:00 local, 00:00Z

Net control Leo, VE2ARC (VE2SI)

Net closed: 21:06

Check-ins: 10

Discussion: Given your choice, would you choose to experience modern ham radio, or that of the 1970s, 1950s, or the very early days?

2022-06-08 Net commenced 20:00 local, 00:00Z

Net control Leo, VE2ARC (VE2SI)

Net closed: 21:14

Check-ins: 10

Discussion: Measuring progress in amateur radio: is it how many hams, or ham-related advancement of technology, or education?

2022-06-15 Net commenced 20:00 local, 00:00Z

Net control Leo, VE2ARC (VE2SI)

Net closed: 21:24

Check-ins: 13

Discussion: Is Field Day a contest, a PR event, or an emergency practice session?

2022-06-22 Net commenced 20:00 local, 00:00Z

Net control Leo, VE2ARC (VE2SI)

Net closed: 21:26

Check-ins: 10

Discussion: Suggestions and comments to improve our hamfest.

2022-06-29 Net commenced 20:00 local, 00:00Z

Net control Leo VE2ARC (VE2SI)

Net closed: 20:43

Check-ins: 13

Discussion: Is amateur radio suffering from the public's ignorance about RF? Does IC cater to politicians, not users?

(Continued from page 1)

K3 HF radio set-up. Thanks also go to Malcolm, VE2DDZ, for bringing and setting up his complete satellite station, which added several satellite QSOs and 100 bonus points to our score; to Eamon, VE2EGN, for pulling general bits together, and to Leo, VE2SI, for picking up the batteries to run Field Day, generously supplied by **Batteries Expert** on Ile-Perrot. They lent us five lithium-ion polymer batteries, which supplied enough power to run several radios, auxiliary equipment and a few lights as well. The club extends its thanks to **Batteries Expert** for making the event possible, and for providing a power supply that was totally quiet and did not produce any fumes, as a gas-fueled generator would have done. One of the main aims of Field Day is to demonstrate our ability to operate off the grid, and the batteries did that admirably.

Some of the new hams helped out with the set-up and the tear-down, as well as getting on the air for their first contacts, always a somewhat nervous event. Ariel VE2SZU, and Lucas, son of Martin VE2HKR both got a chance to operate on HF, and in doing so boosted our score by 40 bonus points and helping us achieve one of the main goals of Field Day, encouraging the formation of new hams. Having finally broken the initial freeze on making a first contact, it was well-nigh impossible to stop them once started.

This was the first Field Day we have held since a two-year hiatus due to COVID-19 restrictions and risks, and it was good to see everyone in person. The only thing not co-operating in the success was propagation, which was very poor or non-existent on 15, 10, and 6 meters. This time, 40 meters was our busiest band, and once again CW dominated over phone.

Our stations were all set up by the 14:00 start time on Saturday and continued through the night until the shut-down time at 14:00 Sunday. For those interested in the details, three of the Enerwatt WPL31 batteries were connected in a star arrangement and used to power one 100 watt HF transceiver, a laptop for logging the contacts and considerable auxiliary equipment such as lights and clocks. Typical transmit periods were between 5-15 seconds, repeating every 10 seconds during peak activity. We estimate we consumed between 200 and 250 amp-hours from the three 110 Ah batteries. Battery voltage held steady through the 24 hour operation, and we didn't need to switch over to the second set of WPL31s. Thanks, Batteries Expert!

We also gained points by attracting public interest in the operation. Visitors to the park would wander over to see what was happening, giving us a chance to explain the attraction of amateur radio.

George, VE2NGH, kept tabs on the score as well as operating, and put together a score summary and a photo package to send to the ARRL. The total QSO points was 2388 with 790 bonus points, for a grand total of 3178 points, making George very happy.

VE2ARC Field Day 2022 Score Summary

Operator	CW	FM	FT8	LSB	USB	Tot	Accum
VA2AN	248					248	248
VA2EI				14		14	262
VA2EN					46	46	308
VA2HKR				5		5	313
VA2XZA	184		1			185	498
VE2DDZ	23	1	15			9	546
VE2DQO	56					56	602
VE2EGN				7		7	609
VE2LJV					2	2	611
VE2LRZ				19		19	630
VE2SZU				8	1	9	639
VE2VFX				14		14	653
VE2WUP					14		667
Total	511	1	16	81	58	667	667

Operator by Mode

Score - 2,388 Points				
Contest: FD				
Band	Mode	QSOs	Pts	Pt/Q
3.5	CW	131	262	2.0
7	CW	227	454	2.0
7	LSB	81	81	1.0
14	CW	153	306	2.0
14	USB	35	35	1.0
21	USB	14	14	1.0
50	FT8	16	32	2.0
144	USB	8	8	1.0
420	FM	1	1	1.0
420	USB	1	1	1.0
Total	Both	667	1194	1.8
Score: 2,388				

Bonus Points:

100% emergency power	100
Public location	100
Public information table	100
W1AW Field Day message	100
Natural power QSOs completed	100
Educational activity	100
Youth participation (2 x 20, max of 100)	40
Satellite QSO	100
Entry submitted via web	50
Total bonus points	790

Total QSO Points: 2,388
Preliminary Total Score: 3,178

VE2ARC Field Day 2022 Statistics

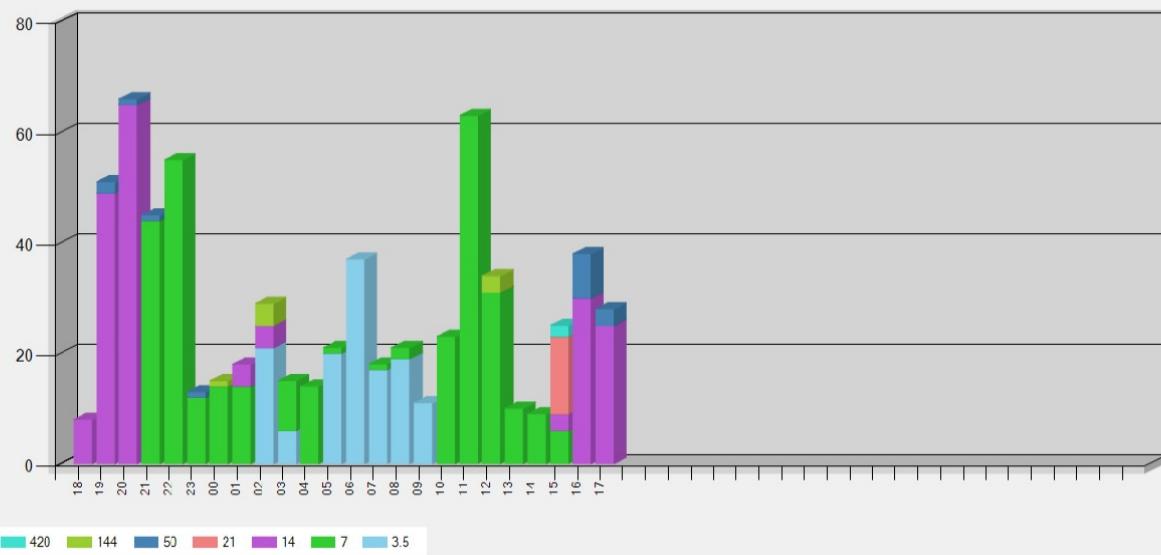
Day	Hr	VA2AN	VA2EI	VA2EN	VA2HKR	VA2XZA	VE2DDZ	VE2DQO	VE2EGN	VE2LJV	VE2LRZ	VE2S2U	VE2VFX	VE2WUP	Tot	Accum	
2022-06-25	18	0	0	8	0	0	0	0	0	0	0	0	0	0	8	8	
2022-06-25	19	48	0	1	0	0	2	0	0	0	0	0	0	0	51	59	
2022-06-25	20	65	0	0	0	1	0	0	0	0	0	0	0	0	66	125	
2022-06-25	21	44	0	0	0	0	1	0	0	0	0	0	0	0	45	170	
2022-06-25	22	0	0	0	0	55	0	0	0	0	0	0	0	0	55	225	
2022-06-25	23	0	0	0	0	5	1	0	7	0	0	0	0	0	13	238	
2022-06-26	00	0	0	0	0	0	1	0	0	0	0	0	0	0	14	15	253
2022-06-26	01	0	0	4	0	0	0	0	0	0	0	0	0	14	0	18	271
2022-06-26	02	0	0	4	0	0	4	21	0	0	0	0	0	0	0	29	300
2022-06-26	03	0	0	0	0	0	0	6	0	0	9	0	0	0	0	15	315
2022-06-26	04	0	0	0	4	0	0	0	0	0	10	0	0	0	0	14	329
2022-06-26	05	0	0	0	1	0	20	0	0	0	0	0	0	0	0	21	350
2022-06-26	06	0	0	0	0	34	3	0	0	0	0	0	0	0	0	37	387
2022-06-26	07	0	0	0	0	18	0	0	0	0	0	0	0	0	0	18	405
2022-06-26	08	0	0	0	0	21	0	0	0	0	0	0	0	0	0	21	426
2022-06-26	09	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11	437
2022-06-26	10	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23	460
2022-06-26	11	63	0	0	0	0	0	0	0	0	0	0	0	0	0	63	523
2022-06-26	12	5	0	0	0	0	3	26	0	0	0	0	0	0	0	34	557
2022-06-26	13	0	0	0	0	0	0	3	0	0	0	7	0	0	0	10	567
2022-06-26	14	0	8	0	0	0	0	0	0	0	0	1	0	0	0	9	576
2022-06-26	15	0	6	17	0	0	2	0	0	0	0	0	0	0	0	25	601
2022-06-26	16	0	0	12	0	18	8	0	0	0	0	0	0	0	0	38	639
2022-06-26	17	0	0	0	0	22	3	0	0	2	0	1	0	0	0	28	667
Total	0	248	14	46	5	185	48	56	7	2	19	9	14	14	667	667	

Refresh Row Hour Column Operator ▾

Operator by Hour

Note: Contacts under VA2HKR were made by Lucas (age:15) son of Martin VA2HKR

VE2ARC - ARRL Field Day (June) 25/06/2022 6:00:00 PM



Hour by Band

Note: Bands 420 & 144 represent Satellite contacts

VE2ARC FIELD DAY – Centennial Park Beaconsfield QC - June 25-26 2022

West Island Amateur Radio Club / Montreal Amateur Radio Club



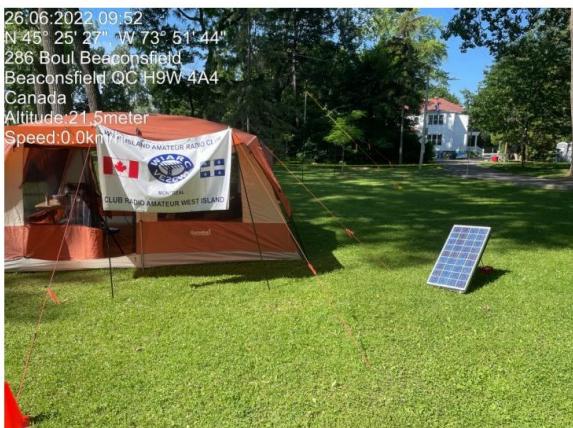
Welcome Tent

© VE2WUP – Patty Micheletti



General Setup

© VE2WUP – Patty Micheletti



HF Operating Tent

© VE2RFI – Charles Robitaille



Operating HF Phone

© VE2HKR – Martin Charbonneau



Coaching new Ham on HF

© VE2SI – Leo Niikinen



Coaching new Ham on HF

© VE2WUP – Patty Micheletti



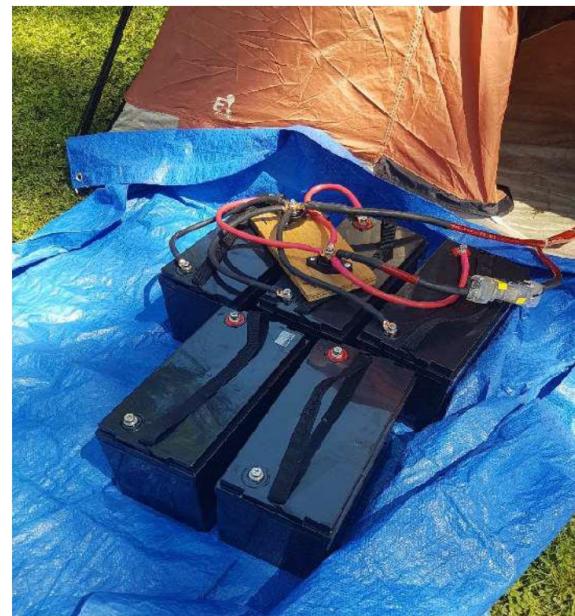
Expert CW ops running 40 meter CW at night
© VE2HKR – Martin Charbonneau



Operating Satellite at night
© VE2HKR – Martin Charbonneau



V/U Satellite Antennas on EZ-EL mount
© VE2WUP – Patty Micheletti



(5) LiFePO4 100 AHR Batteries for Main Power
© VE2SI – Leo Nikkinen



Pneumatic Antenna Launcher
© VE2EVN – Marc-Andre Gingras



FOR SALE!

ICOM IC-7300 in perfect condition

All original manuals
CD with schematics
Original mic and power cables
Non-smoking, no scratches, no wear marks
Lightly used for 5 months

Including:

External tuner cable (value 15\$)
HEIL headset adapter AD-1-I Standard Element (value 34\$)
HEIL headset adapter AD-1-ic Electret Element (value 34\$)
Custom 3D printed mic bracket

Asking price 1200\$

Contact Martin Charbonneau
VA2HKR
va2hkr@gmail.com

(Photograph is representative and does not show the actual item for sale.)