

# 2024 ARRL/RAC Field Day Report

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From:yac-reflector@googlegroups.com  
To:yac-reflector@googlegroups.com  
Sun, Jun 23 at 6:00 p.m.

Good Day everyone,

First off, I would like to thank Everyone for their participation in this years Field Day activities.

This year 10 YARA members participated in a 1A set up (1 Transmitter Alternative power). Which is a down scale in our 2 transmitter setups in the past. Using the Club Call VY1DX

VY1BG Geoff had brought his Cross 20m and 40m dipole which was placed on top of the tower trailer graciously loaned to YARA by VY1CO Scott. This really help up the results this year by placing the APEX of the antenna at approximately 70Ft in the air.

VY1MAP for moving the MCU Trailer to site and placing back at the Storage location beside SAR.  
VY1IRM for placing the YARA banner Flags a various locations around the access road and highly visible areas around the site (Alaska Hwy and Hamilton Blvd).

Setup crew: MAP, IRM, MGS, KX, GP, BG, CO, FC.

Tear down: Crew MAP, MGS, KX, GP, BG, CO, RSS, AE, FC

Operators: AE, KX, IRM, RSS, FC, might be a few more but I may have missed you at the time.

QSO Counts this year were:

27 CW Contacts on 20M - thank you Allen VY1KX

62 SSB Contacts on 20m (US Virgin Islands)

6 FT8 Contacts on 40M (Australia DX)

162 split between FT4/FT8 on 20m. (Australia DX FT4)

Amazing results for everyone involved

Highlights were:

Total Contacts by Country:

Country Total %

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USA 148 88

Canada 16 10

Australia 2 1

Alaska 1 1

US Virgin Is. 1 1

Total Contacts = 168

Total Points = 548

YARA was also visited by CBC (Ellen Jones), and Yukon SAR had a function in conjunction with YARA as well.

Once again Computer Software issues plagued us again at the start. N1MM logging would not recognize the CAT control for the TS-590, or connect with WJST-X. So a on the fly change to N3FJP FD logger was used and the issues were resolved. Positive reviews from those who operated and used the N3FJP as it a simplified one window arrangement.

Digital Modes once again seemed to up the QSO Rate (count), as the SSB and CW portions of the 20m Band were plugged full on other Field Day participants (was actually nice to hear the band Full again, but painful to catch Calls and FD exchanges as ever 1 KC there was another station). 15M was attempted a few times over the duration but not having a resonate antenna yielded no results on 15m, even though propagation was open.

The Batteries in the VY1MCU trailer held up exceptionally well. Approximately 12.5 hours of operating time running a transmitter at 100w and the power inverter to keep the Laptop (Tough Book) Charged., (19 hours total) before a generator was started to charge them up from 73%. At which point the Rig Runner distribution panel would flash "under voltage" briefly. Solar Panels due to the cloud over was only allowing 3 amp of charge.

On the Generator Subject, the Suit Case Yamaha 1000 W generator would keep kicking out the breaker on itself ever 5 minutes trying to power the Battery Charger, but the Light Tower handled the load with no issues (other then increasing the audible noise).

Also is there only 1 key for the light tower? As the key was not onsite over the nighttime hours.

So, for those who were there what can YARA's Field Day organizers do to improve this activity for next year and the future. (This was my first time in 30 years trying to do this again)

I know unfortunately it does fall the weekend after the KCIBR, and some maybe radio'd out by Field Day weekend.

Thoughts: \*Location Maybe a Campground?

- \*One of the City Parks closer to amenities?

- \*Bringing one's own radio and equipment and setting up their preferred mode and band?

- \*Preparation planning to start earlier for the 2025 ARRL Field Day?

- \* An Operator schedule for times one may want to operate a mode or band?

- \* Feel free to add your own thoughts. As this can improve with more members involvement.

Once again thanks to all the Participants, and if I forgot to mention anyone. I apologize, I will receive my beating at a later date.

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