

Alexandria Radio Club



2023 ARRL Field Day

June 24-25

Chinquapin Park

Alexandria, VA

The Alexandria Radio Club

- **The Alexandria Radio Club is hosting the annual ARRL field Day 2023. Throughout its existence, the Alexandria Radio Club has served as a model in service to the community and in representing the interests of amateur radio in the Alexandria area. The Alexandria Radio Club is chartered to:**
- **To prepare for and to participate in radio communications incident to public service during times of disaster or national emergencies and in other activities to promote the public welfare.**
- **To participate in amateur radio activities such as field day and contests and to erect, install, and operate portable or mobile radio stations in all such instances.**

What is ARRL Field Day?

- **ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.**



ARRL Field Day Objectives

- **To work as many stations as possible on the 160, 80, 40, 20, 15 and 10 Meter HF bands, as well as all bands 50 MHz and above, and in doing so to learn to operate in abnormal situations in less than optimal conditions.**
- **A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.**

Operating Stations

- 10M
- 15M
- 20M
- 40M VOX
- 40M CW
- 80M/160M
- VHF/UHF/6M
- Satellite
- Digital Modes as operator sees fit

Band Captains

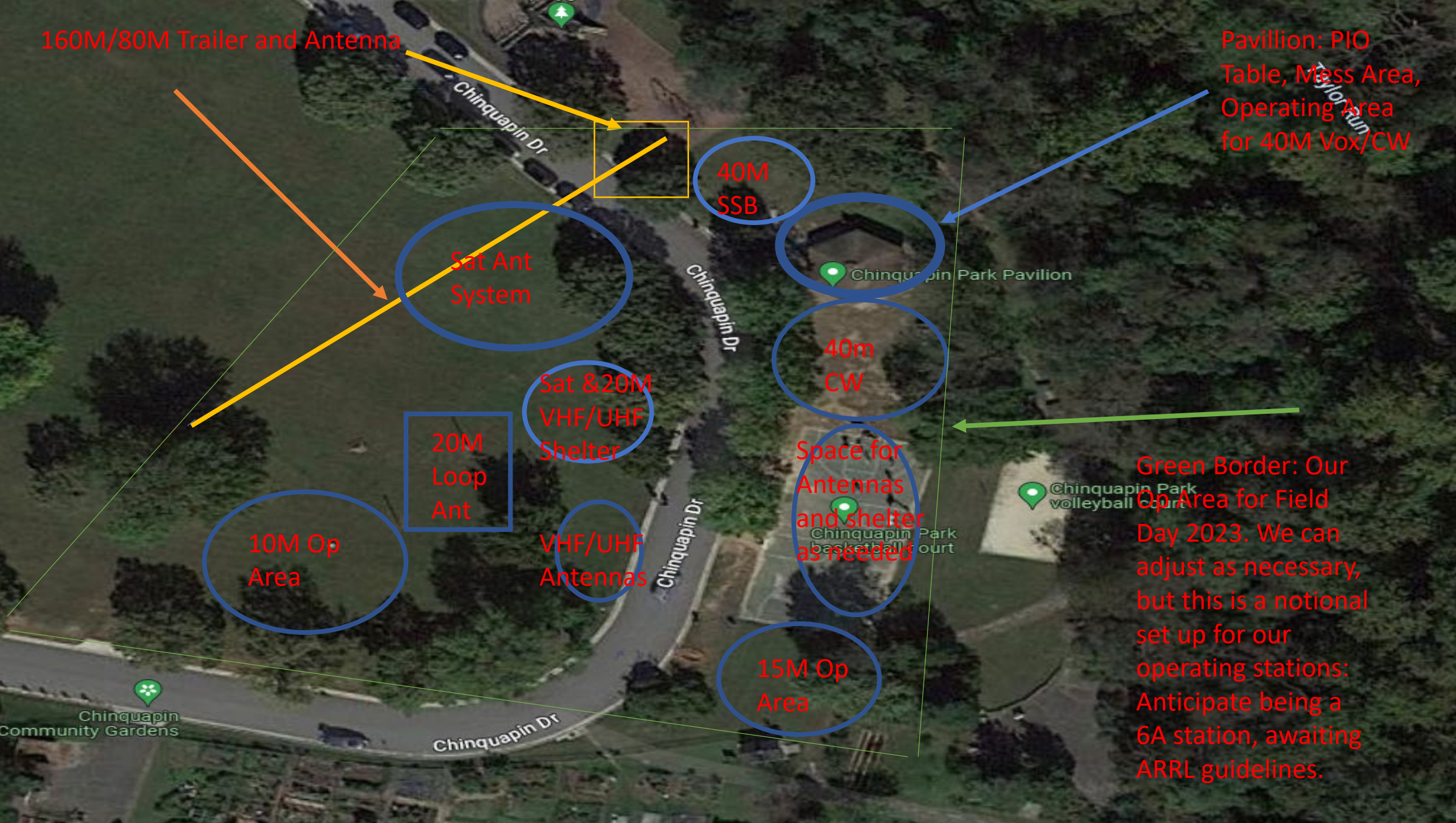
- 10M: Jason Palma (WA6MPR)
- 15M: Jay Orbin (KV3W)
- 20M: Ed Colona (K4ESC)
- 40M VOX: Erik Misavage (KI4BXU)
- 40M CW: Ian Keith (N8IK)
- 80M/160M: Sandra Cruz-Pol (KQ4BDG) and Louie Mingo (KO4QVB)
- VHF/UHF/6M: Todd Taylor (KO4IJH)
- Satellite: Joe Porcello (KT3I)

2023 ARRL Field Day: Alexandria Radio Club

Operating Station	Station/Band Captain	Rig/Radio	Antenna #1	Antenna #2	Computer	Power	Shelter/Table/Chairs	Other	Notes from Bob
10M	Jason Palma (WA6MPR)								
15M	Jay Orbin (KV3W)								
20M	Ed Fergeson (W4EDF)	FT-891	1/4 wave Vertical	End Fed	Laptop w/N3FJP	Solar/Battery	Pop-up Shelter/chair	Keyer/Key/Assc.	
40M Vox	Erik Misavage (KI4BXU)	IC-7300	Double Bazooka 40M	Caroline Windom 40 (Backup)	Dell Latitude E7270	solar panel + LiFePRO4 Battery Pack	1 table w/chair		
40M CW	Ian Keith (N8IK)								
80M/160M	Louie Mingo (KO4QVB) Sandra Cruz-Pol (KQ4BDG)								
Satellite	Joe Porcello (KT3I)								
VHF/UHF/6M	Todd Taylor (KO4IJH)	IC-7100 (All Band/Mode): IC-2200 (2M FM): HTs (Dual Band)	6M Moxon and/or Yagi	Ladder Line roll up J-Pole for 2M/70cm FM: Dual Band Yagi for SSB/Digital	Laptop w/N3FJP	Battery: Generator: Solar	I might have a chair or two, but do not have a shelter or table	I do not have any portable antenna tripods/masts.	I have a table, shelter, and might have a portable tripod/mast that can be used.

160M/80M Trailer and Antenna

Pavillion: PIO
Table, Mess Area,
Operating Area
for 40M Vox/CW



40M
SSB

Sat Ant
System

Chinquapin Park Pavilion

40m
CW

Sat & 20M
VHF/UHF
Shelter

Space for
Antennas
and shelter
as needed

20M
Loop
Ant

Chinquapin Park
volleyball court

10M Op
Area

VHF/UHF
Antennas

Chinquapin Dr

15M Op
Area

Green Border: Our
Op Area for Field
Day 2023. We can
adjust as necessary,
but this is a notional
set up for our
operating stations:
Anticipate being a
6A station, awaiting
ARRL guidelines.

Chinquapin
Community Gardens

Chinquapin Dr

Chinquapin Park
basketball court

GOTA STATION

- **GOTA station may operate on any Field Day band, HF or VHF, but is limited to one GOTA station transmitted signal at any time.**
- This station **must use** a different callsign from the primary Field Day station. The GOTA station must use the same callsign for the duration of the event regardless if operators change. **The GOTA station uses the same exchange as its parent.**
- The GOTA station may be operated by any person licensed since the previous year's Field Day, regardless of license class. It may also be operated by a generally inactive licensee. Non-licensed persons may participate under the direct supervision of an appropriate control operator. A list of operators and participants must be included on the required summary sheet to ARRL HQ.
- As per FCC rules, this station must have a valid control operator present at the control point if operating beyond the license privileges of the participant using the station.
- The maximum transmitter output power for the GOTA station shall be **100 watts**. If the primary Field Day group is claiming the QRP multiplier level of five (5), the maximum transmitter output power of the GOTA station may not exceed 5 watts.
- **NEW FOR 2023: There is no limit to the number of contacts made by the GOTA station. All GOTA station contacts are worth five (5) points, regardless of mode.** In addition, bonus points may be earned by this station under rule 7.3.13.
- The GOTA station may operate on any Field Day band. Only one transmitted signal is allowed from the GOTA station at any time.
- The GOTA station does not affect the additional VHF/UHF station provided for under Field Day Rule 4.1.2. for Class A stations.
- Participants are reminded that non-licensed participants working under the direction of a valid control operator may only communicate with other W/VE stations or with stations in countries with which the US has entered a third-party agreement.
- The GOTA station does not qualify as an additional transmitter when determining the number of transmitters eligible for the 100-point emergency power bonus under Rule 7.3.1.

QSO Points

- Phone contacts count one point each.
- Digital contacts count two points each.
- CW contacts count two points each.

Safety and Security

- Members needed to support overnight operations/protect equipment
- Wx Conditions: In the event of a storm or inclement weather, the following actions need to be taken:
 - Cease all radio operations
 - Disconnect all antennas and power
 - Cover all power supplies
 - Shut down all generators

ARRL Field Day Safety Officer Checklist

To qualify for the 100-point Safety Officer bonus (for Class A stations), a group must appoint a qualified person/s who are present at their site from the beginning of set-up until the end of break-down.

This form is NOT intended to be all inclusive.

The Safety Officer/s certify by submitting this form that due diligence was made to provide a safe operation.

[check (or circle) any/all that apply]

- Safety Officer/s or qualified designated assistant/s was on site for the duration of the event.
- Fuel for generator properly stored.
- Fire extinguisher on hand and appropriately located.
- First Aid kit on hand.
- First Aid - CPR - AED versed else trained participant/s on site for full Field Day period.
- Access to NWS alerts to monitor for inclement weather.
- Tent stakes properly installed and marked.
- Temporary antenna structures properly secured and marked.
- Site secured from tripping hazards.
- Site is set up in a neat and orderly manner to reduce hazards.
- Stations and equipment properly grounded.
- Access to a means to contact police/fire/rescue if needed.
- Safety Officer is designated point of contact for public safety officials.
- Minimize risks and control hazards to ensure no injuries to public.
- As necessary, monitoring participants for hydration and ensuring an adequate water supply is available.

signature(s) / call(s)

date

Food/Meal Planning Committee

- Need Chairperson(s)
- Create Menu
- Develop budget
- Develop food plan (meals per day, snacks)
- Develop food purchasing plan
- Supplies needed (utensils, propane/fuel, any items needed from members)

Logging

- W4HFH will use N3FJP logging software for all stations. ARC has a club license for use during Field Day.



Field Day

Please write legibly. Make certain you have filled out this form completely and have enclosed any required dupe sheets, photographs and bonus claims.

Entries must be postmarked within 30 days of the end of the event and mailed to:

Field Day Entries
ARRL
225 Main St.
Newington, CT 06111 USA

1. Field Day Call Used _____ GOTA Station Call _____

2. Club or Group name _____

3. Number of Participants _____ 4. Number of Transmitters in Simultaneous Operation _____

5. Entry Class: Check only one.

A. Club or non-club group portable

C. Mobile

B. 1- or 2-person non-club Group portable

D. Home station commercial power (100W max)

List call of 2nd operator: _____

E. Home station emergency power (100W max)

F. EOC Station

6. Power Source: Check all that apply

Generator Commercial mains Battery Solar Other (list) : _____

7. ARRL / RAC Section _____ (see <http://www.arrl.org/contest-sections-list> for a sections list)

8. Total CW QSOs _____ x 2 = Total CW QSO points _____

9. Total Digital QSOs _____ x 2 = Total Digital QSO points _____

10. Total Phone QSOs _____ x 1 = Total Phone QSO points _____

11. Power Multiplier (select only one)

5 watts or less and Battery powered = 5

6 – 100 watts = 2

101 – 500 watts = 1 (class A, B, or C only)

(Transfer number selected {1 or 2 or 5} to line 14)

12. Total GOTA QSO points _____
(Enter number from section 20 on page 2)

13. Total QSO points _____

14. Power Multiplier _____

15. Claimed QSO Score _____
(Line 13 x line 14 excluding bonus points)

16. Bonus points claimed: Check each block as appropriate and include required proof of points with your submission. All bonus points will be verified at ARRL HQ and added to your score.

100% Emergency power (Max. 20 transmitters)

Media Publicity

Set-up in Public Place

Information Booth

Message to ARRL SM/SEC

W1AW Field Day Message

NTS/ICS-213 messages handled (# _____)

Satellite QSO completed

Natural power QSOs completed

Site Visit by invited elected official

Site Visit by invited served agency official

Educational Activity Bonus

Youth Element achieved

GOTA Bonus

Submitted using the web app field-day.arrl.org

Safety Officer Bonus

Social Media Bonus

Total Bonus Points Claimed: _____

17. Check here if your entry was also made online at:
field-day.arrl.org

18. I/We have observed all competition rules as well as all regulations for amateur radio in my/our country. My/Our report is correct and true to the best of my/our knowledge. I/We agree to be bound by the decisions of the ARRL Awards Committee.

Date: _____

Call: _____

Signature: _____
(signature/call of club president or authorized club representative)

Address: _____

Address: _____

E-mail Address: _____