

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 (6A)

- 10M
- 15M
- 20M
- 40M PH
- 40M CW
- 80M/160M (trailer needs antennas installed and some training for personnel that will be working inside).
- VHF/UHF/6M
- Satellite
- Digital Modes as operator sees fit

Band Captains

- 10M: Jason Palma (WA6MPR)
- 15M: Jay Orbin (KV3W)
- 20M: Ed Ferguson (W4EDF)
- 40M PH: 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 -- Station Equipment Providers

Operating Station	Station/Band Captain	Rig/Radio	Antenna #1	Antenna #2	Computer	Power	Shelter/Table/Chairs	Other	Notes from Bob
10M	Jason Palma (WA6MPR)	Band Captain	Band Captain		Band Captain	Band Captain	Band Captain		
15M	Jay Orbin (KV3W)	Band Captain	Band Captain		Band Captain	Common Area Generator	Will Need Chair/Shelter/Tables provided		Table/Chair (KO4ZIK)
20M	Ed Ferguson (W4EDF)	Band Captain FT-891	Band Captain 1/4 wave Vertical	Band Captain End Fed	Band Captain Laptop w/N3FJP	Band Captain Solar/Battery	Band Captain Pop-up Shelter/chair		
40M Vox	Erik Misavage (KI4BXU)	Band Captain IC-7300	Band Captain Double Bazooka 40M	Band Captain Caroline Windom 40 (Backup)	Band Captain Dell Latitude E7270	Band Captain solar panel + LiFePRO4 Battery Pack	Band Captain 1 table w/chair?		
40M CW	Ian Keith (N8IK)	Band Captain Elecraft K3S	Band Captain ¼ wavelength (33') vertical w/radials		Band Captain Dell w/Win11	Common Area Generator	Pavilion		
80M/160M	Louie Mingo (KO4QVB) Sandra Cruz-Pol (KQ4BDG)		Long Wire (K4ID)			Trailer Generator	Trailer		
Satellite	Joe Porcello (KT3I)	Band Captain IC-9700 (IC-705, FT-817)	Band Captain 8 element Yagi	Band Captain 16 element Yagi	Band Captain MacBook Pro	Common Area Generator	KI4D (Shelter)	Band Captain 25 element Yagi, 2.4Ghz Parabolic Reflector, Arrow II	Have 28ft extra fiberglass tripod and Buddipole if needed at other stations.
VHF/UHF/6M	Todd Taylor (KO4IJH)	Band Captain IC-7100 (All Band/Mode): IC-2200 (2M FM): HTs (Dual Band)	Band Captain 6M Moxon and/or Yagi	Band Captain Ladder Line roll up J-Pole for 2M/70cm FM: Dual Band Yagi for SSB/Digital	Band Captain Laptop w/N3FJP	Common Area Generator Band Captain Battery: Generator: Solar	KI4D (Shelter and Table)	KI4D will provide portable antenna tripods/masts.	Masts/Shelter (KI4D)

160M/80M Trailer and Antenna

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



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.

Logistical Support: If providing, please advise on the amount you will provide

Items Needed for Logistical Support	Provider	Remaining Needs?
Porta-Potty	Matt Johnson (2)	
Generators	Trailer, KI4D (2), N4ASX (1), KO4IJH (1)	
Extension Cords	KO4ZIK (2), KI4D (3), N4ASX (3)	
Fire Extinguishers (4)	KT3I	
First Aid Kit (2)		??
Caution Tape/Safety Markers	K4KBK	
Tarps w/bungee cords/paracord/rope	KO4ZIK (1 tarp, 1 pkg of cords), KI4D (3 Tarps)	Need a total of 10
Shelters	KI4D (2), KO4ZIK (1), WA6MPR (1), W4EDF (1)	
Tables/Chairs	KO4ZIK (1 each), W4EDF, KI4BXU, KT3I, KI4D (4 CHR, 1 TABL)	
Fuel	KO4ZIK (5 Gal.), KI4D (5 Gal.)	
Lighting (need strings of LED lights along w/ other lights throughout)	K4KBK, KI4D (40 bulb String)	
Tape off OPAREA prior to Saturday morning via APD/City	K4KBK	
Safety Officer	KI4D	
Night Security	KT3I, KO4ZIK, KV3W	

QSO Points

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

Food/Meal Planning Committee

- Wilson KM4KLLK has volunteered to be chair. K4KBK and KN4LLL supporting
- Needed NLT June 1st:
 - Menu
 - budget
 - Food plan (meals per day, snacks)
 - Food purchasing plan
 - Supplies List (utensils, propane/fuel, any items needed from members)

Safety and Security

- KI4D will take lead. Night crew will consist of KT3I, KO4ZIK, KV3W. Would prefer to have at least two more people.
- 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

Logging

- W4HFH will use N3FJP logging software for all stations. ARC has a club license for use during Field Day.
- Joe (KT3I) is working on an internal network to prevent us from having dupes and live updates on all contacts.