

Alexandria Radio Club

FD Chairman: Rick Bunn, N4ASX



Annual ARRL Radio Field Day

June 25-26, 2022

Armistead Boothe Park

Alexandria, Virginia

Field Day 2022
5 days to go
ZOOM Meeting

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.**

- **Have fun.**



Field Day Location and Setup

W4HFH Field Day Site



Armistead Boothe Park

520 Cameron Station Blvd, Alexandria, VA 22304

**Setup June 25th
10:00 a.m.**

Hours/Days of Operation

Set Up: Saturday, June 25, 2022: 10:00 am to 12:00 pm

Radio Checks: Saturday: 12:00 pm to 1:50 pm

Operations: Saturday 2:00 pm to Sunday 1:59 pm

Operations: 24 hours

Take Down: Sunday, June 26, 2:00 pm until finished

What the club provides

- Radios
 - IC-706 MKII G (in the trailer) 75 meter station
 - FT-920 HF (Need A/C power supply)
 - TS-430 S Kenwood
 - FT957 (I think) donated by Lane) with antenna tuner
- Antennas
 - 75 meter dipole (GFY) and 75 meter vertical (experiment)
 - 40 meter dipole (ASX) and 40 meter Dipole (ASX)
 - 20 meter rotatable dipole
 - 15 meters NEED
 - 10 meters NEED
- Power
 - 2 Honda 2KW generators
 - Trailer has 70 Amp Astron built in for 75 meters and with extension cord could power a second station
 - Club has an Astron 35 Amp power supply with power poles
 - TS-430 S has 20 Amp switching supply
 - Need one or two other power supplies:

General Provisions

- Extension cords from Generators to 5 Stations – 4 HF and 1 VHF
 - Trailer has power
 - Power strips
- Shelter
 - Pavilion can support most of our stations
 - Tarps have been found or purchased to keep the rain off
 - Yellow Caution Tape to keep free loaders from food, protect generators and antennas
- Operations
 - Team captains are responsible for making sure they have all they need for their station.
 - Each team captain will be given a flash drive for the band being operated. If you swap bands swap the drives. The drive contains FJP Field Day software and the W4HFH code. To register the software.
 - Each station will need COAX to connect between the radios and the antennas. Team captains are responsible for all the miscellaneous hardware.

Reminders

- If your computer is passworded PLEASE make sure you leave the password with whomever takes over your station. If you need to leave without a replacement, make sure you give that password and the drive to SOMEONE so that we are not shut down when you go.
- Food is not covered completely by the club budget. With few exceptions all who participate must donate \$10 to help cover costs.
- Please sign up in advance so we know how many meals we need and how we can best keep our stations on the air.
- EOC
- We have been asked to activate the EOC at 2PM. I will need two ARES operators to help with this. Need volunteers who turned in their COVID info to the city. While the EOC is up we would like to exercise all modes on VHF/UHF FM, D-Star, and DMR. I would also like to link via WINLINK to the Field Day site. Purpose is to demonstrate that we are emergency event ready.

Field Day Safety Precautions

Bob Crumley (KO4ZIK) is our Safety Officer. The Safety Officer must complete and submit the ARRL Field Day Safety Officer Checklist for the bonus award. HOWEVER -All Members and attendees share responsibility for Safety.

- Weather –When to Cease Operations and disconnect Antennas
- Generators & Flammables –Gas
- Environment –Poison Ivy, Rope burns, cooking burns vehicles, weather
- Tools –Antenna Line launchers & slingshots, Sledgehammers
- Antennas, Transceivers and RF Power levels
- Antenna Setup and break down
- Obstacles –Guy Ropes, Ground Rods, Tent Poles, Vehicles
- Vehicles and Pedestrian safety –entering and leaving venue
- Grounding –Where and how to do properly
- Cooking -Public Health food, cooking safety and grill fire dangers
- Fire Extinguishers Available

Club Group Photo (1345L)

- An Alexandria Radio Club official photo will be taken at 1345L
- All club members are requested to standby to take a photo with other club members at 1345L
- The group photo will be used for club historical purposes and for publication about the event
- Club members are requested to wear club apparel, if possible
- Jan Masse (KB2LRX) is club lead for photography and will lead the group photo setup

ARC Items For Sale at Field Day



- **On Sale from Ted (W9TCE)**
 - Hats
 - Lapel Pins
 - Shirts
 - Coffee Mugs

Field Day Weekend, 25-26 June



NATIONAL WEATHER SERVICE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

- Saturday -- Mostly sunny, with a high near 87.
- Saturday Night-- Partly cloudy, with a low around 69.
- Sunday -- A chance of showers and thunderstorms. Mostly sunny, with a high near 89. Chance of precipitation is 30%.
- Sunday Night-- A chance of showers and thunderstorms. Mostly cloudy, with a low around 71. Chance of precipitation is 40%.

Band Captains/Team Leads

| PRIMARY | BANDS | | |
|---------------------|--------------|--|--|
| KA4GFY | 75/80 Meters | | |
| KI4BXU/N4ASX/KO4EBY | 40 Meters | | |
| N4CWP/KO4ZIK | 20 Meters | | |
| KV3W | 15 Meters | | |
| WA6MPR | 10 Meters | | |
| KI4D/KO4IJH | VHF/UHF | | |
| KT3I | Satellites | | |
| N4ASX/KO4ZIK | EOC | | |

KA4GFY 75/80 Meters

| | |
|-------------------|-----------------|
| RADIOS | IC-706MKIIG |
| EARPHONE | |
| ANTENNA1 | 80 Meter Dipole |
| ANTENNA2 | Vertical |
| COMPUTER/SOFTWARE | N3FJP |
| MODES | SSB/CW |
| SHELTER | Trailer |
| Comments | |

KI4BXU/KO4EBY/N4ASX 40 Meters

| | |
|-------------------|--|
| RADIOS | IC-7300/IC-7100 (Day), IC-706MKIIG (Night) |
| EARPHONE | Personal earphones |
| ANTENNA1 | 40m double bazooka |
| ANTENNA2 | Carolina Windom |
| COMPUTER/SOFTWARE | Personal Laptop, ICOM Interface, N3FJP |
| MODES | SSB/CW |
| SHELTER | Pavilion |
| Comments | COAX OK, KO4EBY has FT-891 w/tuner and digital modes |

N4CWP/KO4ZIK 20 Meters

| | |
|-------------------|---|
| RADIOS | FT-920 (KI4D power supply) |
| EARPHONE | Personals |
| ANTENNA1 | 20m Rotatable dipole |
| ANTENNA2 | 20m Vertical |
| COMPUTER/SOFTWARE | Personal Laptop/Extra one needed, N3FJP |
| MODES | SSB/CW |
| SHELTER | Pavilion |
| Comments | COAX OK, Antenna supports needed |

KV3W 15 Meters

| | |
|-------------------|--------|
| RADIOS | |
| EARPHONE | |
| ANTENNA1 | |
| ANTENNA2 | |
| COMPUTER/SOFTWARE | N3FJP |
| MODES | SSB/CW |
| SHELTER | |
| | |

WA6MPR 10 Meters

| | |
|-------------------|---------------------------|
| RADIOS | FT-991A |
| EARPHONE | Personal |
| ANTENNA1 | 10m 2 El beam |
| ANTENNA2 | Buddipole System |
| COMPUTER/SOFTWARE | Personal Laptop, N3FJP |
| MODES | FT-8 |
| SHELTER | Pavilion |
| Comments | Extra Generator and Solar |

KI4D/KO4IJH VHF/UHF

| | |
|-------------------|--|
| RADIOS | IC-706MKIIG, FT-857 |
| EARPHONE | Personals |
| ANTENNA1 | 2m beam (Todd), 2m 7 el beam, MFJ-1764 |
| ANTENNA2 | MFJ 2289 |
| COMPUTER/SOFTWARE | 2 Laptops - N3FJP, WSJT-X, FLDIGI, Winlink |
| MODES | FT8 |
| SHELTER | Tent/Shelter |
| Comments | Extra Generator, COAX and Antennas |

KT3I Satellite Ground Station

| | |
|-------------------|---|
| RADIOS | IC-9700, TH-D72s |
| EARPHONE | Personal |
| ANTENNA1 | Computer Controlled Beam Antenna System |
| ANTENNA2 | Elk Log Periodic/Arrow II |
| COMPUTER/SOFTWARE | 3 Laptops, N3FJP |
| MODES | SSB |
| SHELTER | Tent/Shelter |
| Comments | Joe needs volunteer SATCOM operators |

KT3I Computer Controlled Beam Antenna



N4ASX/KO4ZIK – EOC (1400-1600L)

| | |
|-------------------|--|
| RADIOS | TM-D710G/ID-5100A |
| EARPHONE | Personal |
| ANTENNA1 | |
| ANTENNA2 | |
| COMPUTER/SOFTWARE | N3FJP, Winlink Express |
| MODES | SSB |
| SHELTER | EOC |
| Comments | Needs prior visitor clearance with the Chief |

KM4KLIK - Food Service Plan

- June 25nd, Saturday
 - Morning Coffee will be available during setup
 - All food items will be individually wrapped
 - Lunch – 12:00 PM (2 food service assistants)
 - Gourmet Sandwiches (Smoked Sausage)
 - Chips Assortment
 - Fancy Cookies
 - Condiments (pickles, relish, mustard, mayo, catsup, salt, pepper, etc.)
 - Beverages (Lemonade, water, coffee, punch??)
 - Dinner – 5:00 PM
 - Pulled Pork Sandwiches
 - Condiments (pickles, relish, mustard, mayo, catsup, salt, pepper, etc.)
 - Beverages (Lemonade, water, coffee, punch??)

KM4KLIK - Food Service Plan

- June 26rd, Sunday
 - Breakfast – 6:00 AM
 - Coffee
 - Cinnamon Rolls
 - Coffee Cakes
 - Eggs/bacon/Sausage links (Breakfast Burrito Style)?
 - Other Beverages
 - Brunch – 10:00 AM
 - Coffee
 - Cinnamon Rolls
 - Coffee Cakes
 - Eggs/bacon/Sausage links (Breakfast Burrito Style)?
 - Fresh Fruits (strawberry/melons, etc.)
- Saturday & Sunday
 - Around the Clock Snacks (Cookies, Crackers, Cheese, etc.)

KM4KLK - Food Service Plan Logistics

- June 25nd, Saturday (Morning)
 - Two pavilion tables are needed (One table for particulars, and two tables for food preparation and service)
 - 2 Ice Chests are Needed for water
 - 10 bags of Ice Needed??
 - Cold Storage for
 - Food – (Have 2 chest for food storage)
 - Water – 8oz bottles
 - Optional ice for drinks
 - Grills, propane fuel??
 - Table Cloths (two tables)
 - Utensils
 - Paper plates (solid)
 - Cups (hot & cold)
 - Plastic Utensils (forks, knives and spoons)
 - Fire extinguisher
 - Light weight food storage box or enclosure – prevent insects, etc.
- Sunday 26rd, Sunday Morning – refill Ice Chests as needed

KI4D – News Media Notifications

- Virginia Section Public Information Coordinator – Wayne Rash, a Metro Area media expert
- Connection Newspapers
- Alexandria Times
- Patch Newspapers
- Zebra

Special Thanks to the Following Club Member Volunteers

- Bob (KO4ZIK) – Event Safety Officer
- Bob (KO4ZIK), Ryan (KO4EBY) – Night Security
- Carol (KN4LLL) – Guide and Welcome for Visitors
- Jan (KB2LRX) – Event Photographer
- Joe (KT3I) -- AREDN Connection Lead
- Don (KI4D) – Boy Scouts/Scouts Lead
- Don (KI4D) – News media Lead

Member Attendees as of 6/20 (25)

- Joe Porcelli
- Robert (Bob) Crumley
- Jan A Maas
- Dennis G
- Ryan Stinebiser
- Ed Colonna
- Dennis Kelly
- Don Lewis
- Bryan A Pettigrew
- Sean Gallagher
- Richard Morani
- Jason Palma
- Rick Bunn
- Chris Schneider
- Joseph izaguirre
- Heath Wells
- Erik Misavage
- Carol Myers
- David Hill
- Ken van Wyk
- Todd
- Wilson
- Jeremy Skog
- Matthew Johnson
- Rich Adamy

Planning for Field Day 2022

Comments or Questions?