

# Alexandria Radio Club

FD Chairman: Rick Bunn, N4ASX



Annual Ham Radio Field Day  
**June 25-26, 2022**  
Armistead Boothe Park  
Alexandria, Virginia

# 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 35000 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.



Rules and information:

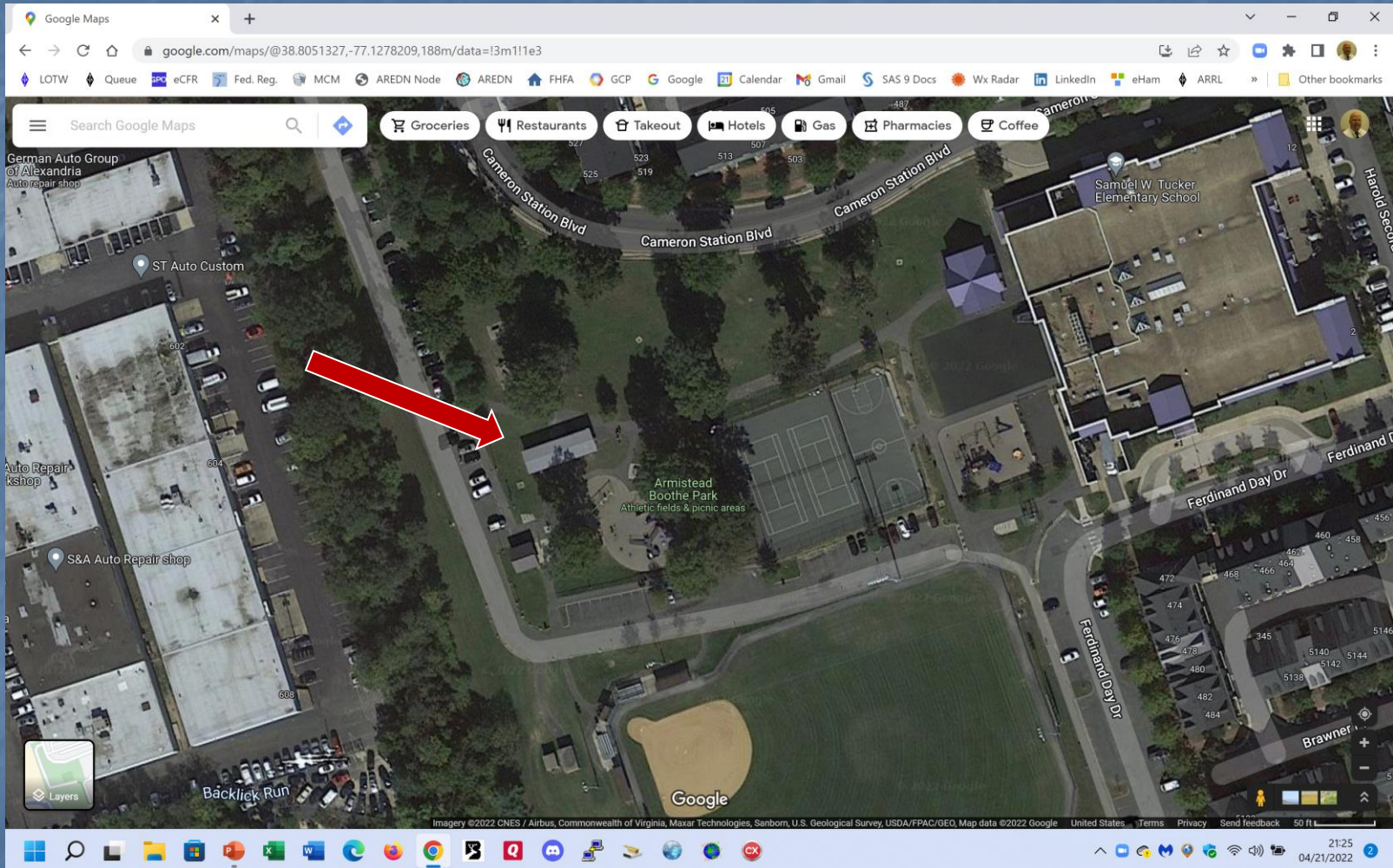
<http://www.arrl.org/field-day>

# 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.



# Armistead Boothe Park



Located at 520 Cameron Station Blvd, Alexandria, VA.

# 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**

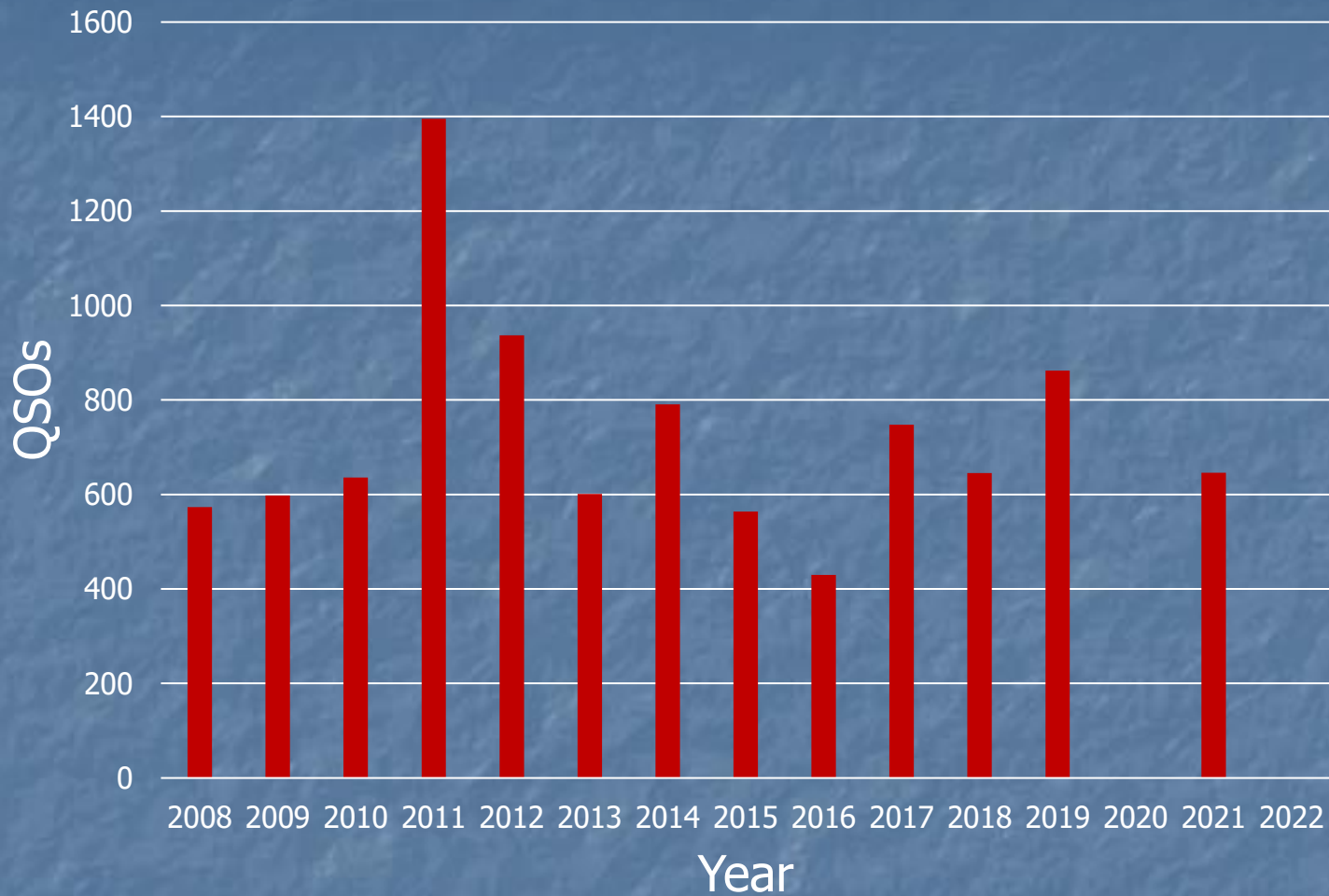
**Operations: Saturday 2:00 pm to Sunday 1:59 pm**

**Operations: 24 hours**

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

# Uniform of the Day





# Past Club Field Day History

No club score in 2020 due to COVID-19 restrictions

# COVID-19 Precautions

- Fully vaccinated attendees can remove masks, but masks are preferred, if not social distancing
- Partially or unvaccinated attendees are strongly encouraged to wear masks with social distancing as a health precaution for everyone
- Those who are ill should not attend
- Hand sanitizer and Lysol wipes will be provided by the club
- Field Day 2022 safety officer duties will include a focus on health safety precautions
- Make sure to sign in - beyond ARRL attendance reporting, the sign-in roster will be used in case there is a COVID-19 problem

# Planning for 2022 Field Day:

Team Leaders have volunteered and will make sure that each station is properly equipped and manned.

- General requirements for power
- Basic location of radios
- Placement of antennas



**Armistead Boothe Park  
Alexandria, Virginia**

# Ian and City Fire Chief Smedley



# **Team Lead Desired Backgrounds**

- **Hams who actively participate in Club activities**
- **Hams who have demonstrated radio-working abilities**
- **Hams who have a history of contesting**
- **Hams who have fielded complete radio stations: radio/ATU, antenna, power, etc.**
- **Hams with Field Day experience, especially long sessions at the mike or key**

# Team Leaders

- **10/15M - KV3W, WA6MPR - Kenwood TS-450S**
  - **20M – W2JWP/N4CWP - Yaesu FT-920**
  - **40M Phone – KI4BXU/N4ASX**
  - **75M - KA4GFY – Icom IC-706mk2g**
  - **VHF - KI4D –**
- 
- **When a Team Leader (or other Extra class) is present at the station, any ham can work frequencies on any assigned band.**

# Station Team Lead Considerations

- Logging computers and N3FJP v**6.6.3** software **(full-time)**
- Radios and mike/key **(full-time)**
- Antennas (vertical, dipole, beam, etc.)
- Power arrangements for adequate number of generators (3) plus commercial power for lights and computers, extension cords
- Antenna tuner
- Club's W3NQN bandpass filter
- Lights, power strips, power supply
- Miscellaneous (chairs, coax, SWR meter, etc.)



# **FIELD DAY SCORING...**

**7.1.1. Phone contacts count one point each.**

**7.1.2. CW contacts count two points each.**

**7.1.3. Digital contacts count two points each.**

**7.2.4 NEW for 2022: Power output cannot exceed 100 watts Peak Envelope Power (PEP) transmitter output.**

**7.3.1. 100% Emergency Power: 100 points per transmitter classification if all contacts are made only using an emergency power source up to a total of 20 transmitters (maximum 2,000 points.)**

**Club Field Day Report will be submitted by KA4GFY**

# Bonus Points!

**15. 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**
- WIAW 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 (total bonus points: \_\_\_\_\_)**
- Submitted using the b4h.net applet**
- Safety Officer Bonus**
- Social Media Bonus**

**Total Bonus Points Claimed: \_\_\_\_\_**

**FOOD FOOD FOOD Food Food Food ...**

## **24 HOUR MEALS DINNER**

**Grillmaster – William Wilson, KM4KLLK**

**Meal Ticket: \$10.00**

**Ted W9TCE's Great Lemonade ?**

# WEATHER CONDITIONS

## In case of a storm:

- Cease all radio operations
- Disconnect all antennas
- Disconnect all power
- Cover all power supplies and radios
- Shut down all generators



# 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

# Field Day Take Down

- Save Logging Data w/backup (Team Leads make sure that Rich KA4GFY gets your thumb drives).
- Disconnect all power sources
- Take down antennas
- Take down radios, etc.
- Clean up area – better than we found it!!

# Field Day Volunteers Needed

- Photographers and Videographers
- Food Preparation, Cooking, Logistics
- Setup before Field Day operations start on Friday
  - Unloading Vehicles with Cooking Grills, Tents, Antennas, Mast, Coax, etc.
  - Antenna & Mast setups
  - Operations, GOTA, Public Info Setup
- During Field Day
  - Welcoming Guests and Acting as Ushers and Guides
  - **Night time Security**
- After Field Day concludes on Sunday
  - Breakdown of Tents
  - Breakdown of Antennas, Masts, Coax, Power Cords, Grounding stakes/straps
  - Packing up of Equipment into proper boxes
  - Loading & Unloading of Vehicles
- Clean-up and Police Area

# Field Day Summary

- **2022 Field Day promises to be a great event.**
  - **Get engaged, advance your understanding of Ham radio and have some fun.**
- **Don't be bashful about improvements and adjustments we can make in future events**
- **Station operating schedules are setup in two hour blocks for the 24 hour period to insure we don't burn anyone out and we allow for all members to have an opportunity to run the bands. If no other members are scheduled behind you, you can stay as long as you'd like.**