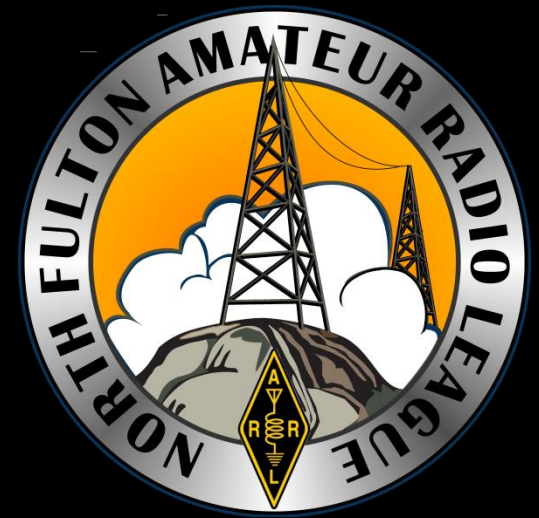


NFARL

North Fulton Amateur Radio League

June 2020



www.nfarl.org



Meeting Logistics

- Please silence or mute your connection when not talking during the on line meeting. Noise is the big enemy.
- When you have questions during the presentations- you can use the Zoom Chat option. Open the Chat window, type your call sign, followed by your question. The Moderator will capture your question.
- Program ends at approximately 9:00 PM.

Welcome



- No Badge or Logo Shirt?
Order Them on the Mart! NFARL.org/mart
- Welcome New Members, First Timers and Visitors.

Review and Comments

John N4IHV



- NFARL By-Laws have been updated and are posted for your review on the web page. Please review them.
- Request for E-News Editor. We can help someone through the process of creating the news letter. Please help us in this endeavour. A special thanks to Mike Riley for doing an outstanding job on the E-News as the interim Editor. We are still not sure when we will be able to have our meetings in person. Now is a good time for projects and writing some E-News documents.

Membership Update

Wes Lamboley – W3WL



- Membership List is being updated. Make sure your Membership information on the NFARL 'Mart' is up to date. Log on to the Mart , verify your information in the "My Account" section is correct & complete.
- We gained 6 New Members on 6/13/2020

Renew Your Membership Annually!

* Expect to see a reminder email 30 days prior to your membership expiration.

** If your email address has changed or you are not receiving reminders please edit/check your email address at nfarl.org/mart.

NFARL Activities

Mike Riley KN4OAK



Upcoming Contest & Activity Dates

From the ARRL Contest Calendar June 2020

20 [Kids Day*](#)

27-28 [Field Day*](#)

*Log On to ARRL required

Selected From the WA7BNM Contest Calendar June 2020

20-21 [West Virginia QSO Party](#)

23 [SKCC Sprint](#) (note these SKCC Sprints are 2 hours long)

Coming in July 2020

1-7 [12th Annual 13 Colonies Special Event](#)

NFARL Apparel

Daryl – K4RGK & Lori – K4UPI



- T-Shirts Available!
- [NFARL.org/mart](https://nfarl.org/mart)
- Order Logo
 - Polo Shirts
 - Button Down Shirt
 - Jackets
 - Lined
 - Unlined



- Includes your callsign and choice of name
- Contact Daryl & Lori regarding any previous orders.
- Next Order Deadline: June 30, 2020!

North Fulton Amateur Radio League

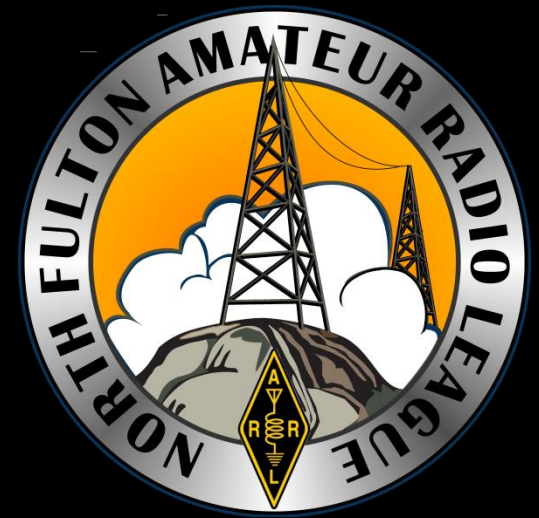
PRESENTATION



How Will Field Day Work This Year?

North Fulton Amateur Radio League

Mike Riley
June 2020



How Will Field Day Work This Year?

Differently

Are You Ready?



WWW.ARRL.ORG

4 Things About ARRL Field Day

- ❑ Largest all-volunteer radio communications exercise in the world
- ❑ Started by ARRL, the national association for Amateur Radio® in 1933
- ❑ This is the 82nd annual ARRL Field Day (subtract 1942-1946 when amateur radio was suspended during World War II by the FCC)
- ❑ Normally ARRL Field Day consists of about 1,500 public outdoor stations, many organized by radio clubs

Objective

To contact as many stations as possible on the

- 160m
- 80m
- 40m
- 20m
- 15m
- and 10m

HF bands, as well as all bands 50 MHz and above, and to learn to operate in abnormal situations in less than optimal conditions*

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

Where are the Rules?

Easiest Access to ARRL Field Day Rules:

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

You can access ARRL Field Day information here as well:

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

Review the information before you operate Field Day

Entry Categories

Field Day entries are classified according to the maximum number of simultaneously transmitted signals, followed by a designator indicating the nature of their individual or group participation.

- ~~4.1. (Class A) Club / non-club portable~~
- ~~4.2. (Class A - Battery) Club / non-club portable~~
- 4.3. (Class B) One or two person portable
- 4.4. (Class B - Battery) One or two person portable
- 4.5. (Class C) Mobile
- 4.6. (Class D) Home stations
- 4.7. (Class E) Home stations - Emergency power

nCoV 19 Pandemic Impact

2 Temporary Waivers for Field Day 2020

- 1) For Field Day 2020 only, Class D stations may work all other Field Day stations, including other Class D stations, for points.

*Field Day rule 4.6 defines Class D stations as "Home stations," including stations operating from permanent or licensed station locations using commercial power. Class D stations ordinarily may only count contacts made with Class A, B, C, E, and F Field Day stations, **but the temporary rule waiver for 2020 allows Class D stations to count contacts with other Class D stations for QSO credit.***

nCoV 19 Pandemic Impact

2 Temporary Waivers for Field Day 2020

2) In addition, for 2020 only, an aggregate club score will be published, which will be the sum of all individual entries indicating a specific club (similar to the aggregate score totals used in ARRL affiliated club competitions).

***THIS IS THE KEY TO A GREAT CLUB
SCORE IN FIELD DAY 2020 PERFORMANCE***

Most likely participation class

For ARRL Field Day 2020

4.6. (Class D) Home stations: Stations operating from permanent or licensed station locations using commercial power. Class D may work all Field Day stations, including other Class D stations, for points.

4.7. (Class E) Home stations - Emergency power: Same as Class D, but using emergency power for transmitters and receivers. Class E may work all Field Day stations.

Power multipliers

5X

If all contacts are made using a power of 5 Watts or less and if a power source other than commercial mains or motor-driven generator is used (batteries, solar cells, water-driven generator), the power multiplier is five.

Power multipliers

2X

If all contacts are made using a power of 5 Watts or less, but the power source is from a commercial main or from a motor-driven generator, the power multiplier is 2.

If batteries are charged during the Field Day period using commercial mains or a motor-driven generator the power multiplier is two.

If any or all contacts are made using an output power up to 150 Watts or less, the power multiplier is two.

Power multipliers

1X

If any or all contacts are made using an output power greater than 150 Watts, the power multiplier is one.

Example: a group has one QRP station running 3 Watts and a second station running 100 Watts, the power multiplier of 2 applies to all contacts made by the entire operation

Batteries

Batteries may be charged while in use

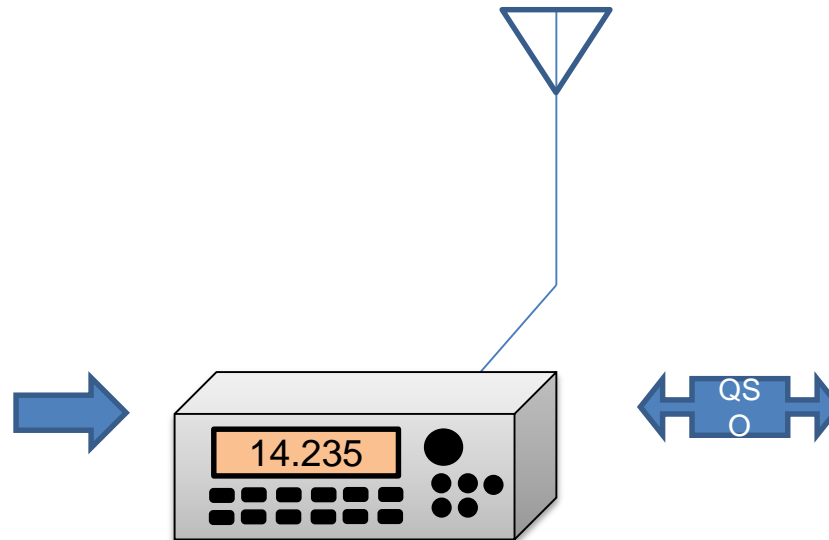
Except for Class D stations, the batteries must be charged from a power source other than commercial power mains.

To claim the power multiplier of five, the batteries must be charged from something other than a motor driven generator or commercial mains.

Class D

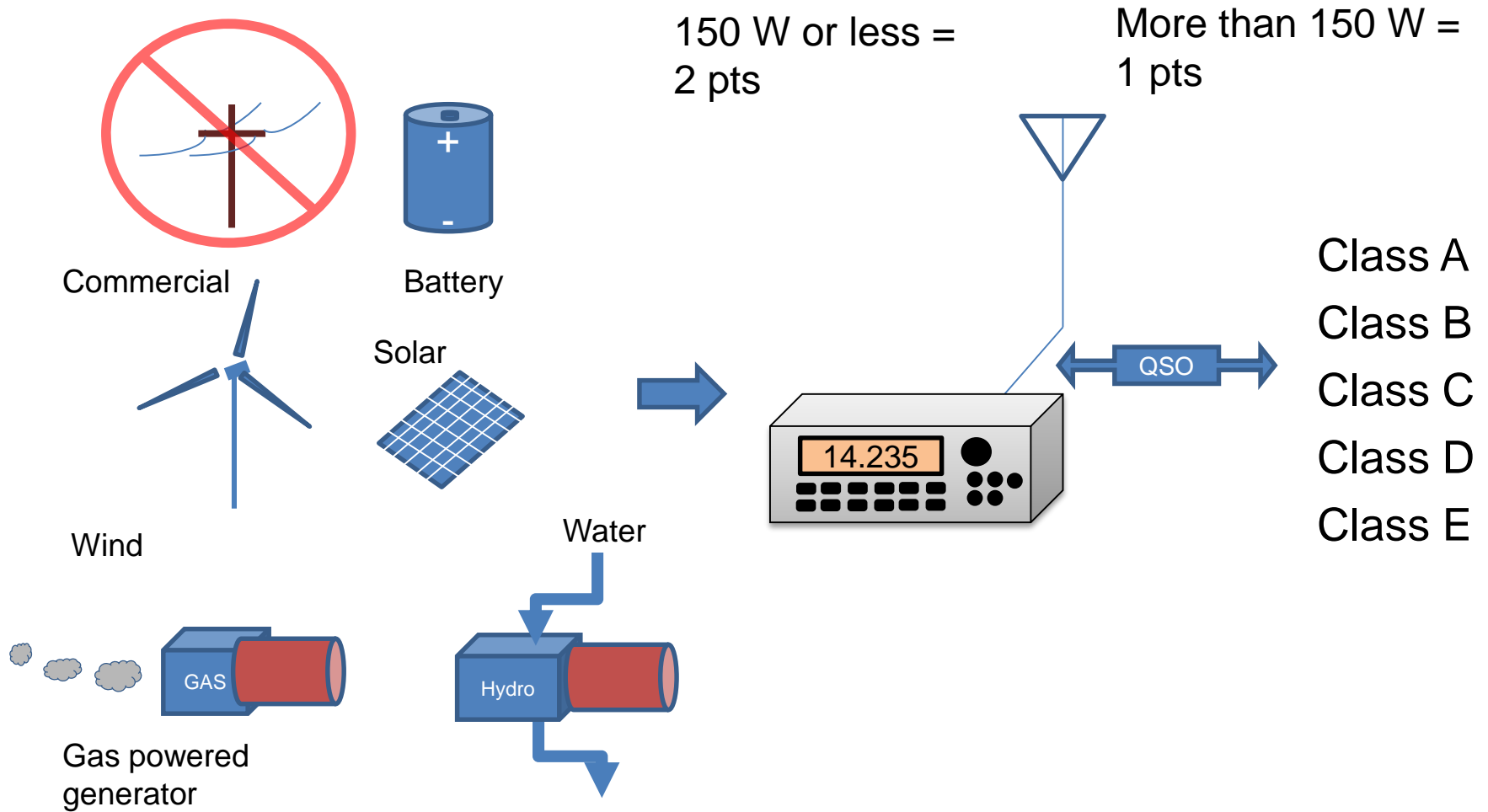
150 W or less = 2 pts

More than 150 W = 1 pts

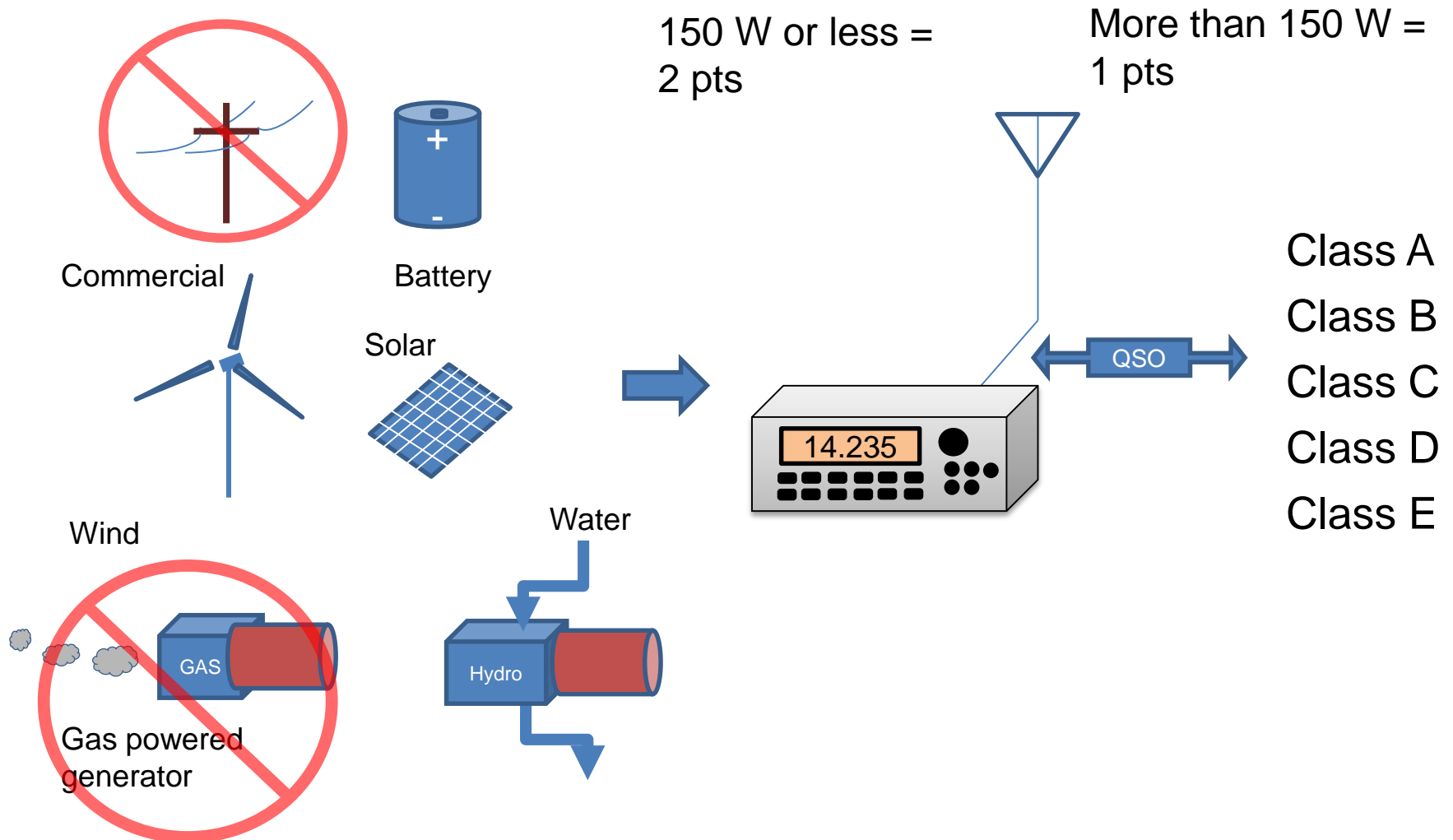


Class A
Class B
Class C
Class D
Class E

Class E



Class E + 5x multiplier



Exchange

- ❑ **Stations in ARRL / RAC sections** will exchange their Field Day operating Class and ARRL / RAC section.
- ❑ Example: a three transmitter Class A station in Connecticut which also has a GOTA station and the extra VHF station would send "3A CT" on CW or Digital, or "3 Alpha Connecticut" on Phone.



WE NEED YOU!!!!

Sign up for Field Day Today

Signup for NFARL Field Day!

https://docs.google.com/spreadsheets/d/1QlOUNc3xFss6ArxELzbGPfuXlo_g7DZ2BdATF7xiUVs/edit?usp=sharing



underbar

Sign up is simple. All you need to do is enter your name, call sign, email address, and select the bands and modes you might operate in.

You can use this list to help develop your Field Day plan as well!

Sign up before 6:00 PM EDT June 20, 2020 & automatically be entered into one of the NFARL Field Day Contest drawings.

Bonus Points

7.3. Bonus Points: All stations are eligible for certain bonus points, depending on their entry class.

The bonus points will be added to the score, after the multiplier is applied, to determine the final Field Day score.

Bonus points will be applied only when the claim is made on the summary sheet and any proof required accompanies the entry or is received via email or normal mail delivery.

Bonus Points

Rule#	Name	Eligible Class					
		A	B	C	D	E	F
7.3.1.	100% Emergency Power	x	x	x			x
7.3.2.	Media Publicity	x	x	x	x	x	x
7.3.3.	Public Location	x	x				x
7.3.4.	Public Information Table	x	x				x
7.3.5.	Message Origination to Section Manager	x	x	x	x	x	x
7.3.6.	Message Handling	x	x	x	x	x	x
7.3.7.	Satellite QSO	x	x				x
7.3.8.	Alternate Power	x	x			x	x
7.3.9.	W1AW Bulletin	x	x	x	x	x	x
7.3.10.	Educational activity bonus	x			x*	x*	x
7.3.11.	Site Visitation by an elected governmental official	x	x	x	x	x	x
7.3.12.	Site Visitation by a representative of an agency	x	x	x	x	x	x
7.3.13.	GOTA Bonus. Class A and F stations operating a GOTA station may earn the bonus points	x					x
7.3.14.	Web submission	x	x	x	x	x	x
7.3.15.	Field Day Youth Participation	x	x**	x	x	x	x
7.3.16.	Social Media	x	x	x	x	x	x
7.3.17.	Safety Officer Bonus	x					

x*(3 + participants)

x** (2 max participants)

Reporting

- ❑ 8.1.1. Field Day Web App at <https://field-day.arrl.org/fdentry.php> or
- ❑ 8.1.2. USPS or other delivery service to (tracking highly recommended): Field Day Entries, 225 Main St, Newington, CT 06111.

DESIGNATE YOUR POINTS TO THE CLUB

North Fulton ARL

ARRL Field Day Entry Website

<http://field-day.arrl.org/fdentry.php>



ARRL Home	Field Day Home	Field Day Resources	Field Day Locator	Rules	Entry Form	Entries Received	Results	Soapbox
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2020 Field Day Entry - Introduction

To submit your entry for Field Day, you'll need both the data that describes your entry and any required bonus point documentation. Although the bonus point documentation can be submitted at a later time, it's recommended that you submit both at the same time.

Data Entry. You'll need all of the info that describes your entry:

- Call used and GOTA station call
- Entry class, number of participants, list of operators
- Power source and multiplier
- Claimed bonus points
- QSO totals by band and mode
- GOTA operators and QSO totals

Upload Documents. If you elect to upload required documents at this time, you'll need files for the following:

- Cabrillo log or list of stations worked by band/mode (dupe sheet)
- Required documentation for bonus points

[Go To Data Entry](#)

ARRL Field Day Entry Form



ARRL Home	Field Day Home	Field Day Resources	Field Day Locator	Rules	Entry Form	Entries Received	Results	Soapbox	
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2020 Field Day Entry

Attention! Entries for the 2020 Field Day are not being accepted until its start at 2020-06-27 18:00:00

Complete this form to submit your Field Day Entry to the ARRL for review and tabulation. You can access a help page by clicking on [i](#) next to an item on the form. **Note:** You can select documentation files for upload as you complete this form, or you can upload the documents at a later time. Each document can not be larger than 6 MB.

Call Used [i](#) GOTA Station Call [i](#) Location

Club or Group Name [i](#)

Number of Participants [i](#) Number of Transmitters in simultaneous operation [i](#)

Entry Class (check only one):

- ☐ A. Club or non-club group portable [i](#)
☐ B. 1 or 2 person non-club group portable [i](#) List of calls of operators:
☐ C. Mobile [i](#)
☐ D. Home station commercial power [i](#)
☐ E. Home station emergency power [i](#)
☐ F. EOC station [i](#)

Power Source (check all that apply):

☐ Generator ☐ Commercial mains ☐ Battery ☐ Solar ☐ Other (list)

Enter **North Fulton ARL** here

NFARL Field Day Contest

We're going to run an internal club recognition / awards program based on QSO counts, contact geography, and operating finesse at the "station."

- ❑ QSO Counts- Band, Digital, CW, Phone, License Class
- ❑ Geography (State)- Most Georgia, Most SE, Most US, Most VE
- ❑ Operating Finesse –
 - Best Casual Operator
 - Best Late Night Dessert while Operating
- ❑ QSO Rates- Max, Best Average, etc.

Awards (Gift Cards, etc.)

MORE DETAILS BY June 21, 2020

Logging Software

The following logging software is known to offer support for Field Day, and can be used for logging Field Day contacts. Please send any changes or additions for this list to fdinfo@arrl.org

FDLog <http://www.fdlog.info/> (watch web site for FD2020 software update)

N3FJP <https://www.n3fjp.com/fieldday.html> (updated for FD2020)

N1MM+ <https://n1mmwp.hamdocs.com/> (updated for FD2020)

SkookumLogger (Mac OS) <https://www.k1gq.com/SkookumLogger/>
(updated for FD2020)

QRUQSP (Windows,MAC,iOS,Android) <https://qrucsp.org/field-day>
(Created for FD2020)

Keeping Score During Event

We have implemented N3FJP's Club Score Processor on our NFARL.org server.

If you will be a NFARL Field Day participant who log QSOs with N3FJP, you are welcome to use it to publicize your scores on your own personal web page

- ❑ (it will look something like [this](#))
- ❑ and include your scores in the club score web page (that looks like [this](#))

NFARL Field Day 2020-



WE NEED YOU!!!!

Sign up for Field Day Today

**We're going to have
a lot of FUN!**

Any Questions?