

Alexandria Radio Club Field Day 2020 Rules and Reporting Reference Packet



ARRL (STAY SAFE) Field Day 2020

June 27-28, 2020

Under COVID-19 Restrictions

Alexandria, Virginia

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.**

Temporary Rule Waivers Announced for 2020 ARRL Field Day

05/28/2020

With one month to go before 2020 **ARRL Field Day**, June 27 – 28, the ARRL Programs and Services Committee (PSC) has adopted two temporary rule waivers for the event:

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.

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).

New ARRL Field Day 2020 Ruling, May 27

- 4.3. **(Class B) One or two person portable**: A Field Day station set up and operated by no more than two persons.
- 4.4. **(Class B - Battery) One or two person portable**: A Field Day station set up and operated by no more than two persons. All contacts must be made using an output power of 5 Watts or less and the power source must be something other than commercial mains or motor-driven generator. One and two person Class B - Battery entries will be listed separately.
- 4.5. **(Class C) Mobile**: Stations in vehicles capable of operating while in motion and normally operated in this manner. If the Class C station is being powered from a car battery or alternator, it qualifies for emergency power but does not qualify for the multiplier of 5, as the alternator/battery system constitutes a motor-driven generating system.
- **4.6. (Class D) Home stations: Stations operating from permanent or licensed station locations using commercial power.**
- 4.7. **(Class E) Home stations - Emergency power**: Same as Class D, but using emergency power for transmitters and receivers.

QSO Points & Multipliers -- Field Day 2020

- **7. Scoring:** Scores are based on the total number of QSO points times the power multiplier plus the bonus points.
- **7.1. QSO Points:** 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. Power multipliers:** The power multiplier that applies is determined by the highest power output of any of the transmitters used during the Field Day operation.
- **7.2.1.** 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 5 (five).
- **7.2.2.** 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 2 (two).
- **7.2.3.** If any or all contacts are made using an output power up to 150 Watts or less, the power multiplier is 2 (two).
- **7.2.4.** If any or all contacts are made using an output power greater than 150 Watts, the power multiplier is 1 (one).
- **7.2.5.** The power multiplier for an entry is determined by the maximum output power used by any transmitter used to complete any contact during the event.

Bonus Points -- Field Day 2020

- **7.3.1. 100% Emergency Power:** 100 points per transmitter classification if all contacts are made only using an emergency power source.
- **7.3.5. Message Origination to Section Manager:** 100 bonus points for origination of a formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site.
- **7.3.6. Message Handling:** 10 points for each formal message originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points via radio RF.
- **7.3.7. Satellite QSO:** 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period.
- **7.3.7.1 Stations are limited to one (1) completed QSO on any single channel FM satellite.**
- **7.3.8. Alternate Power:** 100 bonus points for Field Day groups making a minimum of five QSOs without using power from commercial mains or petroleum driven generator. Available to Classes A, B, E, and F.
- **7.3.9. W1AW Bulletin:** 100 bonus points for copying the special Field Day bulletin transmitted by W1AW (or K6KPH) during its operating schedule during the Field Day weekend (listed in this rules announcement).
- **7.3.14. Web submission:** A 50-point bonus may be claimed by a group submitting their Field Day entry via the <https://field-day.arrl.org/fdentry.php> web app. Available to all Classes.

Reporting -- Field Day 2020

Submission to ARRL

- **Field Day Web App** at <https://field-day.arrl.org/fdentry.php> (preferred). The web app will display a confirmation number and email a confirmation of your Field Day entry to the email address entered via the app. Please be sure to record this confirmation number and/or save the confirmation email. Supporting information must include an attached list of stations worked by band/mode during the Field Day period – a Cabrillo log can be submitted; Proof of all bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).
- **USPS or other delivery service** (tracking highly recommended). Mail to: Field Day Entries, 225 Main St, Newington, CT 06111. Submission must include a complete and accurate ARRL summary sheet; an accompanying list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc).
- **Via email** to fieldday@arrl.org. Submission must include an electronic copy of an ARRL summary sheet completely and accurately filled out; an attached list of stations worked by band/mode during the Field Day period (dupe sheet or an alpha/numeric list sorted by band and mode); and proofs of bonus points claimed (copies of visitor logs, press releases, NTS messages handled, photographs, etc). Electronic submissions are considered signed when submitted.
- **Complete station logs** are NOT required for submission, and ARRL does not use the logs. However, log files should be maintained for one year in case they are requested by ARRL HQ.

Field Day 2020 On-line Entry Form



[ARRL Home](#) | [Field Day Home](#) | [Field Day Resources](#) | [Field Day Locator](#) | [Rules](#) | [Entry Form](#) | [Entries Received](#) | [Results](#) | [Soapbox](#)

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

Entries received by paper require hours of work to review. As the amount of paper entries associated with ARRL operating events and contests decreases, they are able to provide quicker analysis and publication of the results. In 2019, 95% of the 3,113 entries received were through the web applet.

Field Day 2020 On-line Entry Form

Station Breakdown



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. 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)

Power Multiplier (check only one):

- 5 watts or less and battery powered = 5x
- 150 watts or less = 2x
- Over 150 watts = 1x

Field Day 2020 On-line Entry Form

Bonus Points



[ARRL Home](#) | [Field Day Home](#) | [Field Day Resources](#) | [Field Day Locator](#) | [Rules](#) | [Entry Form](#) | [Entries Received](#) | [Results](#) | [Soapbox](#)

Bonus Points claimed: Check each box as appropriate and include required proof of points with your submission. All bonus points will be verified at ARRL

<input type="checkbox"/> 100% emergency power i	
<input type="checkbox"/> Media publicity i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Public location i	
<input type="checkbox"/> Public information table i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Formal message to ARRL SM/SEC i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> W1AW Field Day message i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Formal messages handled i — No. <input type="text"/>	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Satellite QSO (automatically determined)	
<input type="checkbox"/> Natural power QSOs completed i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Site visit by invited elected official i	
<input type="checkbox"/> Site visit by invited served agency official i	
<input type="checkbox"/> Educational activity i	
<input type="checkbox"/> Youth participation i	
Number of youth participants completing at least 1 QSO: <input type="text"/>	
Total number of youth participants: <input type="text"/>	
<input type="checkbox"/> GOTA bonus (automatically determined)	
<input type="checkbox"/> Submitted entry online (automatically determined)	
<input type="checkbox"/> Safety officer i	Upload documentation: <input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
<input type="checkbox"/> Social media i	

Note: Bonus points for satellite QSO, GOTA QSOs and web submission will be automatically determined from info entered elsewhere on this form.

Field Day 2020 On-line Entry Form

Band/Mode QSO Breakdown



[ARRL Home](#) [Field Day Home](#) [Field Day Resources](#) [Field Day Locator](#) [Rules](#) [Entry Form](#) [Entries Received](#) [Results](#) [Soapbox](#)

Band/Mode QSO Breakdown: Do not list GOTA QSOs in this section.

Band	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m						
40m						
20m						
15m						
10m						
6m						
2m						
222						
432						
Other						
Satellite						

Field Day 2020 On-line Entry Form

Band/Mode QSO Breakdown



[ARRL Home](#) [Field Day Home](#) [Field Day Resources](#) [Field Day Locator](#) [Rules](#) [Entry Form](#) [Entries Received](#) [Results](#) [Soapbox](#)

Band/Mode QSO Breakdown: Do not list GOTA QSOs in this section.

Band	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m						
40m						
20m						
15m						
10m						
6m						
2m						
222						
432						
Other						
Satellite						

Field Day 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.k1qq.com/SkookumLogger/> (updated for FD2020)