

PART
Meeting
June 16, 2020



Video Conferences



- Effective July 1, Webex is no longer free
- Lockdown probably will not end before July 21 meeting
- Choices:
 - Webex
 - ZoomBoth are about \$15/month
- Intend to conduct a poll via Groups.io over the next two weeks. Only PART members will have votes counted.

**ARRL
FIELD
DAY
2020**



WWW.ARRL.ORG



Field Day 2020

- This year it's different
- No multi-operator club station
- Home, portable, & mobile
- Use your own call sign
- Submit your own entry
- PART score is the sum of the members' scores

Biggest Field Day Ever?



Field Day 2020

- Field Day info and rules are at:
<http://www.arrl.org/field-day>

Home On The Air Licensing, Education & Training Membership Regulatory & Advocacy Public Service Technology Get Involved ARRL Store About ARRL News & Features

Field Day

Straight Key Night
RTTY Roundup
School Club Roundup
January VHF
ARRL DX
Rookie Roundup
June VHF

Field Day

Field Day Rules
Temporary Rule Waivers for ARRL Field Day 2020
Field Day Locator
COVID-19 and ARRL Field Day 2020
ARRL Field Day 2020 - A Time to Adapt
Planning Your ARRL Field Day 2020 Operation
Creative Approaches to ARRL Field Day 2020
IARU HF World Championship
222 MHz and Up Distance Contest
10 GHz & Up
September VHF
Sweepstakes
EME Contest
160 Meter
10 Meter
General Rules for All ARRL Contests
General Rules for ARRL Contests Below 30 MHz
General Rules for ARRL Contests Above 50 MHz

Field Day Locator!

Looking for a Field Day site near you? Want to promote your club's Field Day efforts? Use the Field Day Locator to do both!

[Learn More](#)

MORSE CODE

has no limits

ARRL Books, Gear & More!

Field Day Patch (2020)
Field Day Hat (2020)
Field Day Pin (2020)
Field Day Shirt (2020)
Field Day Cooler (2020)

[Continue Shopping](#)

MFJ

MFJ-1234
\$319.95

New to Field Day? START HERE!

- [Special Statement: COVID-19 and ARRL Field Day 2020](#)
- [ARRL Contest Program Issues Field Day 2020 FAQ - 6 Jun 2020](#)
- [Pregunta Frecuentes Field Day 2020 9 junio](#)
- [Temporary Rule Waivers for 2020 ARRL Field Day - 28 May 2020](#)
- [Planning Your ARRL Field Day 2020 Operation - 14 May 2020](#)
- [Creative Approaches to Field Day 2020 - 21 April 2020](#)
- [Field Day 2020 - A Time To Adapt - 27 March 2020](#)
- [Día de Campo \(Field Day\) 2020 - Un tiempo para adaptarse](#)
- [\[Video\] 2020 ARRL Field Day in the Time of COVID-19 \(YouTube by Mitch Hopp, W4ZXX, Sangamon Valley Radio Club, Springfield, Illinois\)](#)

Lots of
operating
hints



Field Day 2020

- **Objective: Work as many US/Canada stations as possible. DX stations can be contacted too.**
- **Bands: 160, 80, 40, 20, 15, 10, and 50 MHz and above**
- **Time: 1800 UTC (2:00 PM) Saturday, June 27, to 2059 UTC (5:00 PM) Sunday, June 28. Max of 24 consecutive hours.**



Field Day 2020

Classes of stations (assume 1 XMTR)

- 1E
 - ✓ Home station on emergency power
- 1D
 - ✓ Home station on commercial power
- 1C
 - ✓ Mobile station

The number indicates how many transmitters are simultaneously in use



Field Day 2020

Portable stations (1 or 2 operators)

- **Must be portable – can't use home system or antennas**
- **1B/2B: one or two person**
- **1B/2B-Battery: one or two person**
 - ✓ 5 watts or less
 - ✓ No commercial power or motor-driven generator
- **Class B stations that don't begin setup until 2:00 PM on Saturday can end operations at 5:00 PM Sunday (27 hours).**



Field Day 2020

QSO Points

- Phone: 1 point
- CW: 2 points
- Digital: 2 points
- Cabrillo file or dupe sheet required with entry



Field Day 2020

Power multipliers

- QRP : 5x
 - ✓ 5 watts or less
 - ✓ No commercial power or motor-operated generator
- Low Power: 2x
 - ✓ 150 watts or less

Power multiplier applies to all contacts made by at the highest power used



Bonus Points

- All stations are eligible for bonus points
- These can increase your score a LOT with little effort
- Some bonus points are only available to certain classes of stations



Bonus Points

Media Publicity

- 100 Points
- Attempt to obtain publicity from local media
- Submit a copy of press release or actual publicity to obtain points

All Classes



Bonus Points

Message to Section Manager

- 100 Points
- Formal message to ARRL SM or SEC
- Must be originated during FD in ARRL radiogram format via RF
- See rules for content

All Classes



Bonus Points

Message Handling

- 10 points for each origination, relay, or delivery up to 100 Points
- Doesn't include message to SM/SEC
- Must be originated during FD in ARRL radiogram format via RF

All Classes



Bonus Points

W1AW Bulletin

- 100 Points
- Voice, CW (18 wpm), or Digital (PSK-31, RTTY, MFSK-16)
- Accurate copy must be submitted with entry
- Bulletin schedule is in the rules

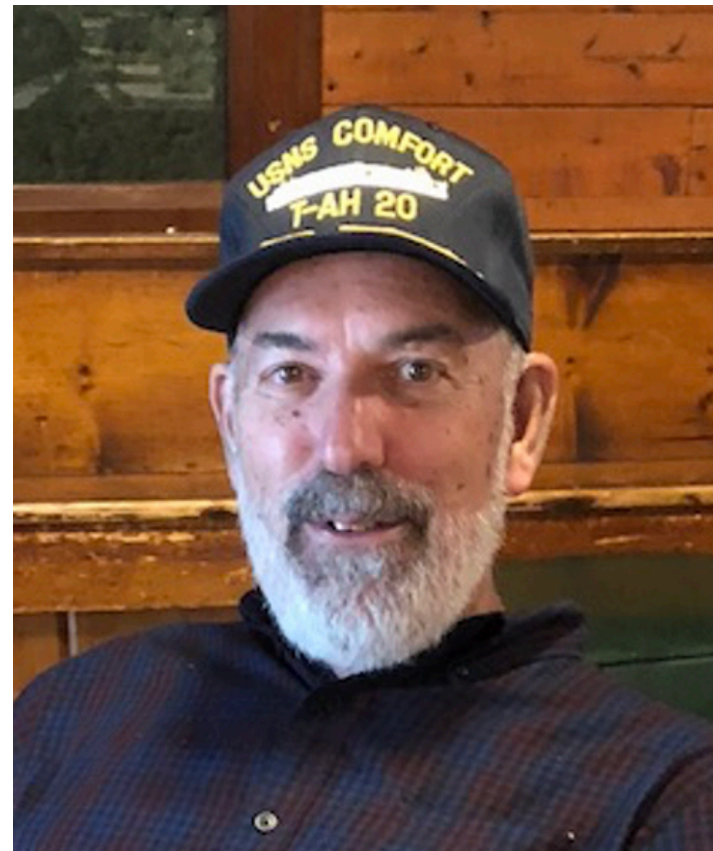
All Classes



Bonus Points

Site Visit by Elected Gov't Official

- 100 Points
- Must be invited



All Classes



Bonus Points

Site Visit by Agency Rep.

- 100 Points
- Agencies served by ARES (ex.: Red Cross, MEMA, law enforcement, etc.)
- ARRL officials don't count
- Must be invited

All Classes



Bonus Points

Web Submission

- 50 Points
- Submit FD entry via ARRL web site

All Classes



Bonus Points

Youth Participation

- Up to 100 Points
- 20 points for each person 18 or younger who completes at least one QSO.
- Class B stations have a two-person maximum

All Classes



Bonus Points

100% Emergency Power

- 100 Points
- All transmitting equipment* at the site must operate from a power source completely independent of the commercial power mains to qualify.

* Includes computer used to operate the transmitter

Classes B, C, and E only



Bonus Points

Public Location

- 100 Points
- Locate the station in a public place for display.

Class B only



Bonus Points

Public Information Table

- 100 Points
- Make appropriate handouts and information available to the visiting public at the site

Class B only



Bonus Points

Satellite QSO

- 100 Points
- Complete at least one QSO via Amateur Radio satellite
- Additional satellite QSOs count as normal contacts

Class B only



Bonus Points

Alternate Power

- 100 Points
- Complete at least five QSOs without using power from commercial mains or petroleum driven generator. This includes batteries charged by natural means

Classes B and E only



Bonus Points

Categories We're Not Eligible For:

- **Educational Activity.** Must have three or more participants
- **GOTA.** Only for classes A and F
- **Social Media.** Must welcome visitors to your site. Not for single-op stations.
- **Safety Officer: Class A only**



Making Contacts

- Any station can work any other station for points, once per band per mode
- Repeater contacts not allowed
- Field Day exchange: Type of station and ARRL Section:
 - “1D Eastern Massachusetts”
 - “1E EMA”
 - “1B Echo Mike Alfa”
- ARRL/RAC section list is in the Field Day Rules



ARRL/RAC Sections

United States			
Alabama	AL	North Texas	NTX
Alaska	AK	Northern Florida	NFL
Arizona	AZ	Northern New Jersey	NNJ
Arkansas	AR	Northern New York	NNY
Colorado	CO	Ohio	OH
Connecticut	CT	Oklahoma	OK
Delaware	DE	Orange	ORG
East Bay	EB	Oregon	OR
Eastern Massachusetts	EMA	Pacific	PAC
Eastern New York	ENY	Puerto Rico	PR
Eastern Pennsylvania	EPA	Rhode Island	RI
Eastern Washington	EWA	Sacramento Valley	SV
Georgia	GA	San Diego	SDG
Idaho	ID	San Francisco	SF
Illinois	IL	San Joaquin Valley	SJV
Indiana	IN	Santa Barbara	SB
Iowa	IA	Santa Clara Valley	SCV
Kansas	KS	South Carolina	SC
Kentucky	KY	South Dakota	SD

Canada	
Alberta	AB
British Columbia	BC
Greater Toronto Area	GTA
Manitoba	MB
Maritime	MAR
Newfoundland/Labrador	NL
Northern Territories	NT
Ontario East	ONE
Ontario North	ONN
Ontario South	ONS
Prince Edward Island	PEI
Quebec	QC
Saskatchewan	SK

DX	
DX	DX



Making Contacts

- **Field Day is for Techs, too!**
- **10 Meters can surprise you**
- **Contacts made on repeaters don't count, but...**
 - **Use the WB1GOF repeater to ask for simplex contacts**
- **146.52 MHz at 3:00 PM on Saturday**



Making Contacts

Example: A Technician makes five simplex contacts using a 5-watt HT with batteries charged by solar power (Class E)

- **5 points for the contacts**
- **5x multiplier for QRP**
- **100 points for Emergency Power**
- **100 points for Alternate Power**
- **50 points for web submittal**

275 Points!



Logging Contacts

- Contact list (not a log) must be submitted with entry
- Cabrillo file or dupe sheet
- Most computer loggers can produce a Cabrillo file
- Dupe sheets are on ARRL FD site
 - Manually fill in with stations contacted, then scan, photo, or mail it to ARRL for submittal



Dupe Sheets

- Rules also state that the “dupe sheet” can be an “alpha/numeric list sorted by band and mode.”
- Export your log to a spreadsheet for the listing and sorting, then print a PDF and use that for your web submission.



Entry

- Entry must be submitted by July 28 – one month after Field Day ends
- Entry can be submitted by web, email, or mail. Only web entry gets 50 point bonus.

Ask for help if you need it!



Web Entry

- <https://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](#)



Web Entry





Web Entry

- If you make an error on the web entry, you can resubmit. ARRL will send you an email with instructions for editing.
- Read the entry form **BEFORE** Field Day so you'll know what documentation you need.
- You've got a month to submit the entry. Ask for help if you need it.



Awards!

- Most contacts
- Highest score
- Most ARRL sections
- Best DX
- Most PART members worked
- ???

Prizes will be awarded at
the August PART meeting



And Last...

- The purpose of Field Day is fun!
- Logs aren't checked; don't worry if you make a mistake in your entry
- Be sure to put "WB1GOF" as your club on your entry
- Monitor 2M simplex for Techs