

**ARRL FIELD DAY**



**[www.arrl.org](http://www.arrl.org)**

# SPARC

## Field Day 2025

South Pasadena Amateur Radio Club | W6SPR  
June 4, 2025

# When Is Field Day 2025?

## Start

Saturday, June 28, 11:00 a.m. PDT (1800 UTC)

## End

Sunday, June 29, 10:59 a.m. PDT (1759 UTC)

*Home Ops 1:59 p.m. PDT (2059 UTC)*

**Setup at Art Center: Friday, June 27 at 5 p.m.**



# Objective of Field Day

Work as many stations as possible on...

- 160, 80, 40, 20, 15 and 10 meters
- all bands 50 MHz and above (6m, 2m, 440)

and learn to operate in less than optimal conditions.



# Return to Art Center

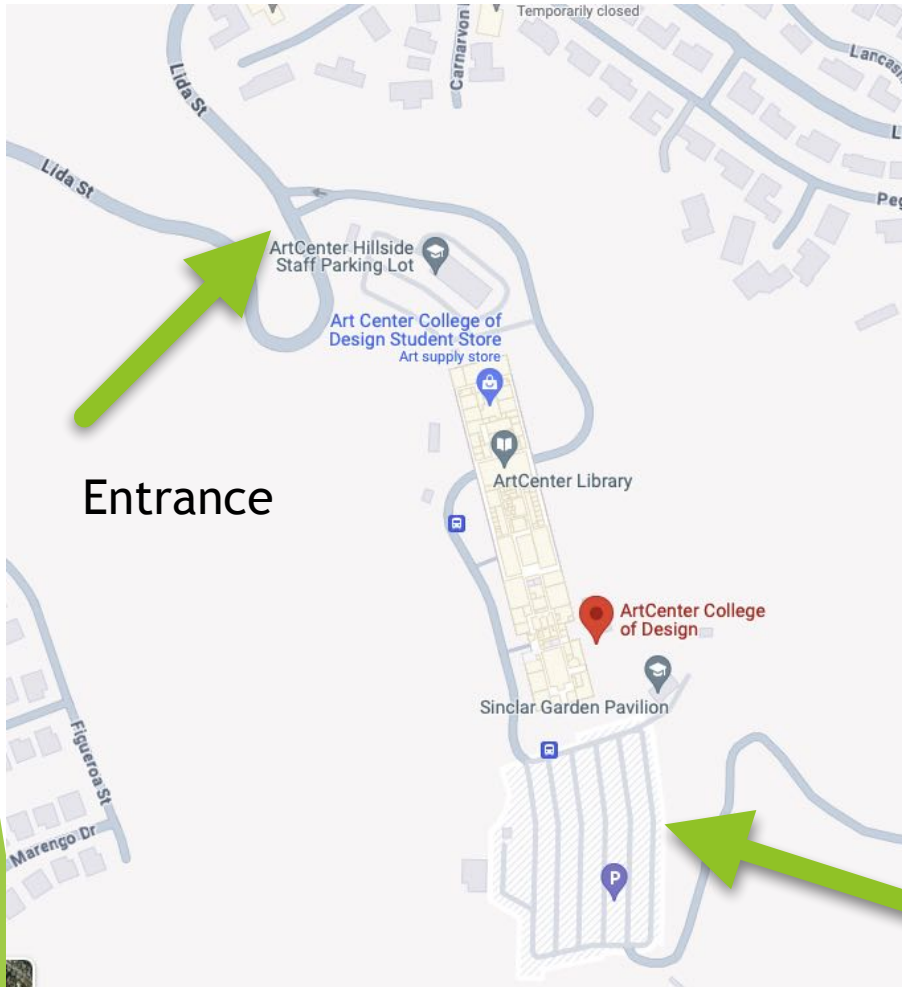
Our second in-person Field Day post-Covid

Participating clubs:

PRC, SPARC, JPLARC, CITARC



# Return to Art Center



Entrance:  
1700 Lida St.  
Pasadena 91103

34.171019, -118.186897

///help.rock.vouch

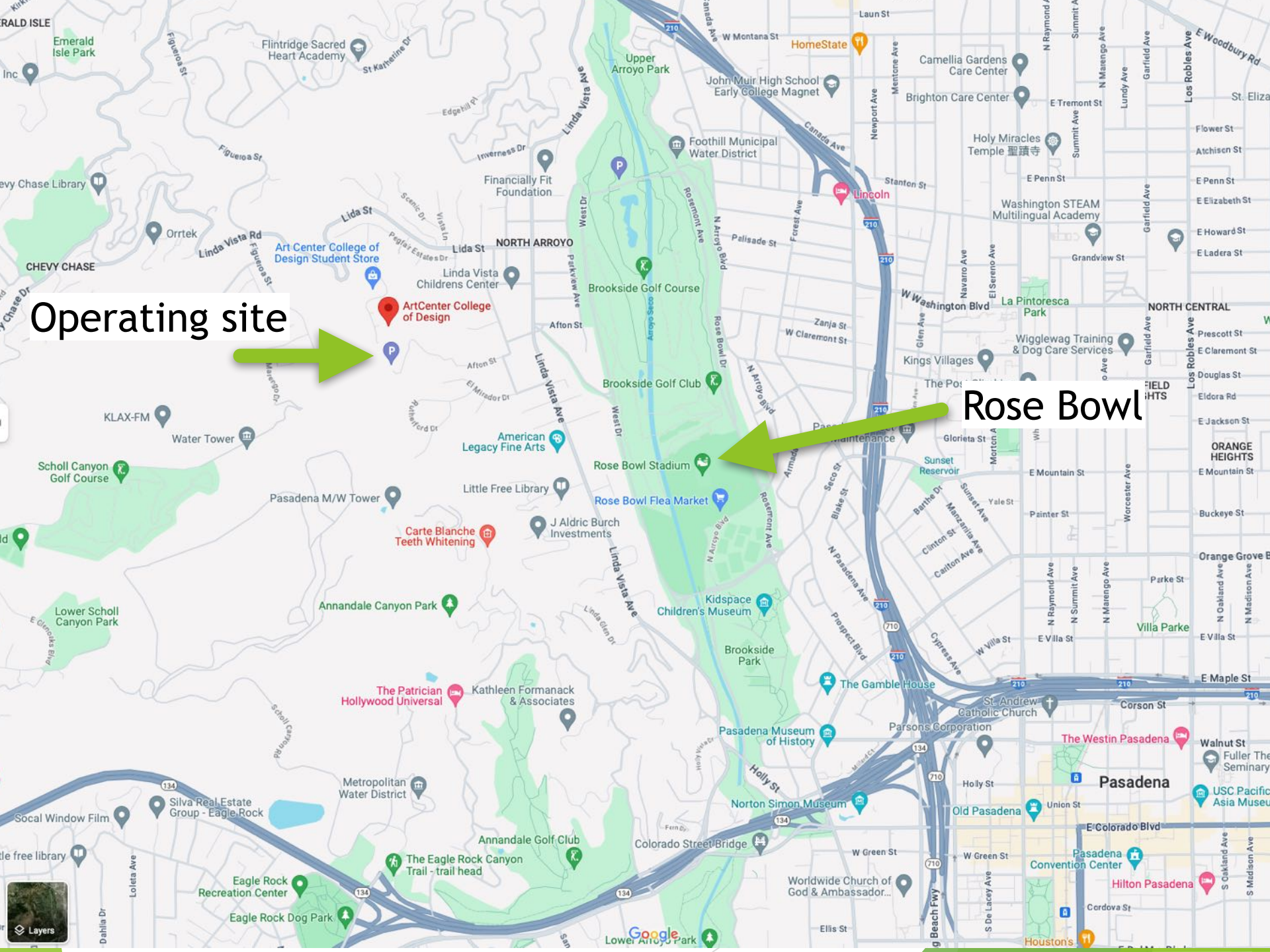
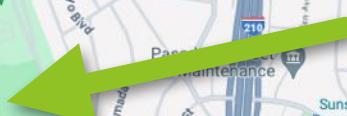




Operating site

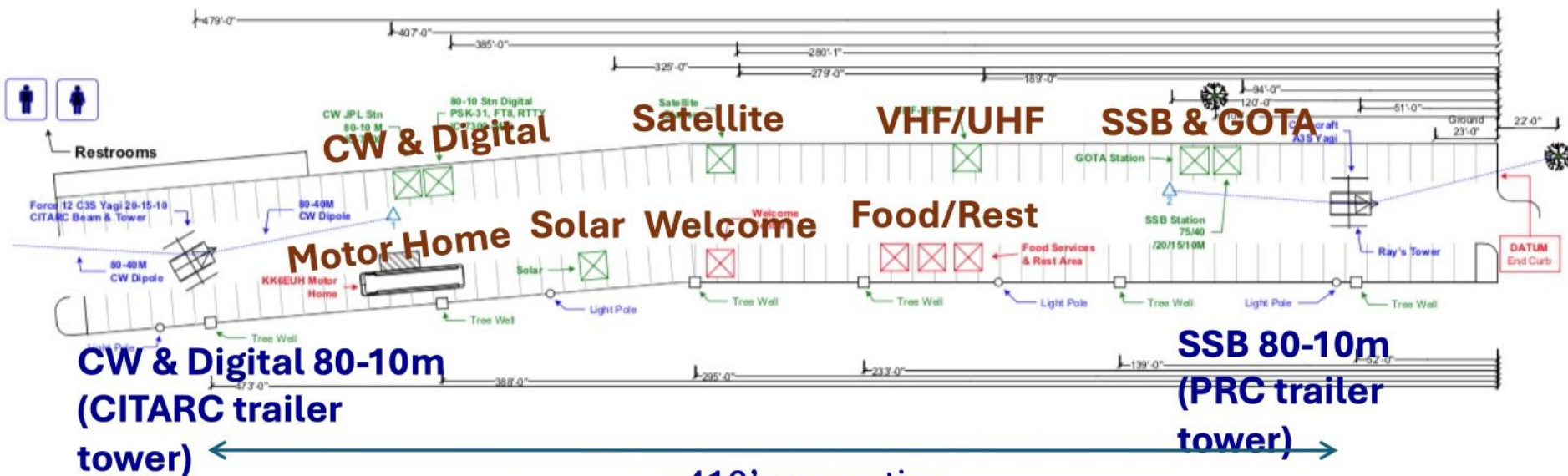
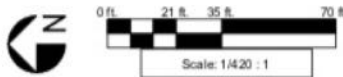


Rose Bowl









~410' separation

## ARRL Field Day 2019

Pasadena Radio Club – 3A LAX

Site Setup Plan v1.0 (01MAY19)

Art Center College of Design

1700 Lida Street, Pasadena, CA 91103



Art Center College of Design  
Security Contact: Jeff Ruiz  
24/7 Security: 626-396-2299



2019

FD2019 Planning Discussion

X





# Operating Class

## TENTATIVE

Our designator will be “4A”

- ▶ Four HF stations
  - Digital (JPL), CITARC trailer
  - CW (SPARC), CITARC trailer
  - 2 x SSB (PRC), 10-15-20 beam / 40-80 dipole
- ▶ “Free” FM VHF/UHF (SPARC)
- ▶ GOTA station, SSB, (SPARC)



# SPARC's Role

We are responsible for:

CW station

VHF/UHF

GOTA — 1 p.m. to 5 p.m. on Saturday

- Set up
- Operator coordination
- Tear down



# SPARC's Role

SPARC members are welcome to work other stations.

Volunteers needed for Friday 5 p.m. setup and Saturday morning setup.

**Promo opportunity: June 21, 3 p.m. to 8 p.m.  
Mission at Twilight event in South Pas**



# SPARC's Role

Operator Sign-up Sheet:

[https://docs.google.com/spreadsheets/d/1NLc6F9n4Gigsfwl\\_Un5ObpCBk1DD-LGsbuhoR2HTAtY/edit?gid=152695469#gid=152695469](https://docs.google.com/spreadsheets/d/1NLc6F9n4Gigsfwl_Un5ObpCBk1DD-LGsbuhoR2HTAtY/edit?gid=152695469#gid=152695469)



# VHF/UHF Limitation

Can only operate one band at a time in order to maintain “free VHF” status.

6m

2m

1.25m

70cm





# NEW Field Day Exchange

- ▶ QSO is an exchange of operating class and ARRL section.

N6P - November Six Papa  
(Special Event Call Sign)

4A LAX - Four Alpha, Lima Alpha X-Ray

- ▶ Keep it short and sweet!





## "Run" Exchange [aka "Camp & Call"]

**You:** If this is your first transmission on this frequency: **"Is this frequency in use? "N6P"**

**You: "November Six Papa, Field Day"**

**Other Station:** Gives "their call"

Enter "their call" into logging program.

If not a 'duplicate', proceed, otherwise ignore.

**You: "their call, four alpha, LAX"**

**Other Station:** Gives "their report"

Enter "their report" into the logging program.

If you missed something, say "again, again"

**You: "Thanks", then start over at the top!**





## “Search & Pounce” Exchange

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Other Station: “Their call”, “Field Day”

Enter “Their call” into the logging program.

If not a “duplicate”, proceed. Otherwise, keep searching.

**You:** “November Six Papa”

Other Station: “N6P, Their Exchange Info”

You: Enter “their exchange information” into log

**You:** “Four alpha, LAX”

Other Station: “Thanks”





## GOTA “Run” Exchange [aka “Camp & Call”]

**You:** If this is your first transmission on this frequency: **“Is this frequency in use? W6SPR”**

**You: “Whiskey Six Sierra Papa Romeo, Field Day”**

**Other Station:** Gives “their call”

Enter “their call” into logging program.

If not a ‘duplicate’, proceed, otherwise ignore.

**You: “their call, four alpha, LAX”**

**Other Station:** Gives “their report”

Enter “their report” into the logging program.

If you missed something, say “again, again”

**You: “Thanks”, then start over at the top!**







# PRC Logging S/W (1 of 2)

- Entering Operator Information

Unlicensed GOTA operator  
Enters first name & initials

The screenshot shows the PRC Logging S/W interface. A red arrow points from the text 'Unlicensed GOTA operator Enters first name & initials' to the 'Operator' dialog box. The dialog box contains the following information:

Operator	
Operator	AASQI
Initials	JCM
<input type="button" value="Done"/>	

The main interface includes a menu bar (File, Settings, Band, Mode, View, Network, Operator, Help), a 'Recent Contacts' table, a 'Score Statistics' section, a 'Ready to begin!' message, a 'Possible Duplicates' section, and a grid of state/country call signs. The bottom status bar shows 'Band: 15', 'Mode: CW', 'W6KA', '6A', 'LAX', and the time '4:58:54 PM 23:58:54 UTC'.





# PRC Logging S/W (2 of 2)

See <http://www.n3fjp.com>

PRC Logging S/W (2 of 2)

File Settings Band Mode View Network Operator Help

Convert Band Only Test

### Recent Contacts

Rec	Call	Class	Sec	Date / Time	Band	Mode	Country	Initials
1	AA6Q	1A	LAX	06/08 23:59	20	CW	USA	JCM

### Score Statistics

Total CW Contacts	1
Total Phone Contacts	0
Total Dig Contacts	0
Total QSO Points	2
QSOs / Hr (Last 20 min)	3
QSOs / Hr (Last 60 min)	1

#### Data Entry Area

Call: AA6 Class: Section:

#### Message Area

Clear

#### Possible Duplicates

West Pennsylvania Total = 0

Possible Dups listed as call is entered above

#### All ARRL Sections

1	3	5	7	0
CT RI	DE MDC	AR NTX	AK NV	CO MO
EMA VT	EPA WPA	LA OK	AZ OR	IA ND
ME WMA		MS STX	EW UT	KS NE
NH	4	NM WTX	ID WVA	MN SD
	AL SC		MT WY	
2	GA SFL	6	8	Canada
EH NY	KY TN	EB SCV	MI WV	AB NT
NL NJ	NC VA	LAX SDG	OH	BC ON
NNJ WHY	NFL VI	ORG SF		GA ON
	PR WCF	PAC SJV	9	MAR ON
		SB SV	IL WI	MB QC
			IN	NL SK

Band: 20 Mode: CW

W6KA 6A LAX

5:19:02 PM 00:19:02 UTC

# Operating Elsewhere

“Participants from any Class can optionally include a single club name with their submitted results following Field Day.”

PRC/SPARC/JPLARC/CITARC

Name was selected to ensure all participating clubs get credit for their contributions.



# Operating Elsewhere

If operating from a location other than Art Center, use your own call and class designator. Classes have two parts:

- ▶ maximum NUMBER of simultaneously transmitted signals
- ▶ LETTER designator indicating nature of station



# Class A

- ▶ PORTABLE
- ▶ Three or more persons
- ▶ Not regular station location
- ▶ Independent of commercial power  
(or “Class A-Commercial”)



# Class A-Battery

- ▶ Same as Class A but...
- ▶ All contacts made using 5 Watts or less
- ▶ No commercial power or motor-driven generator
- ▶ Batteries, solar cells, water-driven generators, etc.





# Class B / Class B-Battery

- ▶ ONE OR TWO PERSON PORTABLE
- ▶ One and two person Class B entries are listed separately.



# Class C

- ▶ MOBILE
- ▶ Stations in vehicles capable of operating while in motion and normally operated in this manner
- ▶ Includes maritime and aeronautical



# Class D

- ▶ HOME STATIONS
- ▶ Permanent station location
- ▶ Commercial power
- ▶ May count contacts made with other Class D stations.  
Now a permanent rule!



# Class E

- ▶ HOME STATIONS - EMERGENCY POWER
- ▶ Otherwise same as Class D
- ▶ May work all Field Day stations



# Miscellaneous Rules

- ▶ Can't call your own station
- ▶ Only work stations once per band per mode
- ▶ No cross-banding except satellites
- ▶ Only one transmitter at a time per band-mode
- ▶ Only simplex/digital – NO REPEATER CONTACTS





# Affiliation Rules

- ▶ Can't call your own station
- ▶ Must use your PERSONAL call (not N6P)
- ▶ One call sign per transceiver except family members with different calls



# Scoring

- ▶ Phone contacts = 1 point each
- ▶ CW contacts = 2 points each
- ▶ Digital contacts = 2 points each



# Logging

- Paper and pencil log sheet:



## Field Day Log

page \_\_\_\_\_ of \_\_\_\_\_

Call Used

Exchange Sent

Frequency	Mode	Date	Time (UTC)	Station Worked	Exchange Received

<https://www.arrl.org/files/file/Field-Day/Generic/FD Log Sheet.pdf>



# Logging via Computer

- ▶ N3FJP  
Free for 30 or fewer contacts / \$8.99 full unlock  
<http://n3fjp.com>
- ▶ N1MM+ (free)  
<https://n1mmwp.hamdocs.com>
- ▶ QRUQSP (free)  
<https://gruqsp.org>
- ▶ RUMlog (free, macOS)  
<https://dl2rum.de/rumsoft/RUMLog.html>



# Submission Form



## FIELD DAY 2022

<a href="#">ARRL Home</a>	<a href="#">Field Day Home</a>	<a href="#">Field Day Resources</a>	<a href="#">Field Day Locator</a>	<a href="#">Rules</a>	<a href="#">Entry Form</a>	<a href="#">Entries Received</a>	<a href="#">Results</a>	<a href="#">Soapbox</a>
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### 2022 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](#)

Send comments or questions about this page to [ARRL Contest Manager](#).  
Version: 1.9.0, Revised: August 19, 2021  
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<http://field-day.arrl.org/fdentry.php>



# Selected Bonus Options

- ▶ Message to Section Manager
- ▶ Satellite QSO — Rick, KI6ZKM
- ▶ Alternate Power
- ▶ Copy [W1AW Bulletin](#)
- ▶ Youth QSO (18 and under)
- ▶ Social Media: single post does not count!
- ▶ Submitting log online





# Power Level Multipliers

- ▶ If all contacts are made using 5 Watts or less using no commercial mains or generators, multiply score by 5.
- ▶ If all contacts are made using 5 Watts or less, but with commercial mains or generators or batteries charged by either, multiply score by 2.
- ▶ If all contacts made using no more than 100 Watts, multiply score by 2.



# Elmers

Don't be afraid to ask for help!

[contest@southpasradio.org](mailto:contest@southpasradio.org)



# Submitting to ARRL

- ▶ <http://field-day.arrl.org/fdentry.php>
- ▶ Due by July 29
- ▶ Affiliate with  
“PRC/SPARC/JPLARC/CITARC”
- ▶ Results will be published in QST Magazine
- ▶ Send proof of submission to SPARC and PRC for special recognition



# More Information

- ▶ [Video on N3FJP](#)
- ▶ [QST article on club contesting](#)
- ▶ [DX Zone Guide to QSL Card Software](#)



# Scratching the Surface

These slides are no substitute for reading the rules yourself.

*And there are a lot of rules.*



## ARRL Field Day 2025 Rules

### Rule Changes for ARRL Field Day 2025:

- Eligibility criteria for the GOTA station for Class A and F stations has changed (see 4.1.1)

**1. Eligibility:** Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit and may submit entries as check-logs.

**2. Object:** 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.

**3. Date and Time Period:** Field Day 2025 will be held June 28-29. Field Day is **ALWAYS** the fourth full weekend of June, beginning at 1800 UTC Saturday and ending at 2059 UTC Sunday.

3.1. Class A and B (see below) stations that do not begin setting up until 1800 UTC on Saturday may operate the entire 27-hour Field Day period.

3.2. Stations who begin setting up before 1800 UTC Saturday may work only 24 consecutive hours, commencing when on-the-air operations begin.

3.3. No class A or B station may begin its set-up earlier than 0000 UTC on the Friday (Thursday afternoon or evening local time) preceding the Field Day period. Cumulative set-up time shall not exceed a total of 24 hours.

**4. 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. The minimum number of transmitters that must be claimed is one (1). Twenty (20) transmitters maximum are eligible for the purpose of calculating bonus points (2,000 points maximum). However, additional transmitters which may

