

The background image is a photograph of a radio antenna system, likely a wire antenna, silhouetted against a sunset sky. The sun is a bright orange circle on the horizon, partially obscured by dark silhouettes of trees and bushes. The sky transitions from a deep orange near the horizon to a pale pink and then to a light blue at the top. The entire photograph is framed by a white border with a deckled, torn-paper edge.

EBARC Field Day 2011

“Bridging the Distance”

What is Field Day?

“Object: To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) 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.”



http://www.arrl.org/files/file/Field-Day/2011/2011_FD_Packet.pdf

Field Day Rules



Field Day
June 25 – 26, 2011

Always the fourth full weekend in June

For information contact:

Field Day Information
ARRL
225 Main St.
Newington, CT 06111
fdinfo@arrrl.org

Dan Henderson, N1ND
ARRL Regulatory Information Manager &
ARRL Field Day Manager
(860) 594-0236
n1nd@arrrl.org

Field Day Rules

Date and Time Period: Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and ending at 2100 UTC Sunday. Field Day 2011 will be held June 25-26, 2011.

- 3.2. Stations who begin setting up before 1800 UTC Saturday (11am PDT) may work only 24 consecutive hours, commencing when on-the-air operations begin.
- 3.3. No Class A or B station may begin their set-up earlier than 1800 UTC (11am PDT) on the Friday preceding the Field Day period.

Field Day – Bonus Points

These are points we can earn, some before the event even begins:

- **Emergency Power: 100 points per transmitter classification (EBARC get 300)**
- **Media Publicity: 100 bonus points may be earned for attempting to obtain publicity from the local media. A copy of the press release, or a copy of the actual media publicity received (newspaper article, etc) must be submitted to claim the points. (volunteers?)**

Field Day – Bonus Points 2

- **Public Location:** 100 bonus points for physically locating the Field Day operation in a public place (i.e. shopping center, park, school campus, etc).
- **Public Information Table:** 100 bonus points for a Public Information Table at the Field Day site.
- **Message Origination to Section Manager:** 100 bonus points for origination of a National Traffic System (NTS) style formal message to the ARRL Section Manager or Section Emergency Coordinator by your group from its site. (EBARC needs someone to head this up)
- **Message Handling:** 10 points for each formal NTS style originated, relayed or received and delivered during the Field Day period, up to a maximum of 100 points (ten messages). **All NTS messages claimed for bonus points must leave or enter the site via amateur radio RF.**

Field Day – Bonus Points 3

- **Satellite QSO:** 100 bonus points for successfully completing at least one QSO via an amateur radio satellite during the Field Day period.
- **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. This means an "alternate" energy source of power, such as solar, wind, methane or water.
- **W1AW Bulletin:** 100 bonus points for copying the special Field Day bulletin transmitted by W1AW (or K6KPH)
- **Educational activity bonus:** One (1) 100-point bonus may be claimed if your Field Day operation includes a specific educational-related activity. (**volunteer?**)

Field Day – Bonus Points 4

- **Site Visitation by an elected governmental official:** One (1) 100-point bonus may be claimed if your Field Day site is visited by an elected government official as the result of an invitation issued by your group.
- **Site Visitation by a representative of an agency:** One (1) 100-point bonus may be claimed if your Field Day site is visited by a representative of an agency served by ARES in your local community (American Red Cross, Salvation Army, local Emergency Management, law enforcement, etc) as the result of an invitation issued by your group.

Field Day – Bonus Points – GOTA

- GOTA Bonus. Class A and F stations operating a GOTA station may earn the following bonus points:
- When a GOTA operator successfully completes 20 QSOs, they receive 20 bonus points. Upon reaching an additional 20 QSOs the same operator receives a second 20 bonus points, up to a maximum of 100 Bonus points per GOTA operator. An operator may make more than 100 QSOs but the QSOs over 100 do not qualify for an additional bonus.
- 7.3.13.1.1. Additional GOTA operators may earn the GOTA bonus points under this rule, up to the maximum of 500 bonus points. (Remember that there is a 500-QSO limit for the GOTA station. But no single GOTA operator may earn more than 100 of the GOTA bonus points except as provided in 7.3.13.2.)
- 7.3.13.1.2. A single GOTA operator must complete all 20 QSOs required before the bonus is earned. There is no “partial credit” for making only a portion of the 20 QSOs or “pooling” QSOs between operators.
- 7.3.13.2. If a GOTA station is supervised full-time by a GOTA Coach, the bonus points earned for each 20 QSOs completed under Rule 7.3.13.1 will be doubled.
- 7.3.13.2.1. The GOTA Coach supervises the operator of the station, doing such things as answering questions and talking them through contacts, but may not make QSOs or perform logging functions.
- 7.3.13.2.2. To qualify for this bonus, there must be a designated GOTA Coach present and supervising the GOTA station at all times it is being operated.

Field Day – Bonus Points - web

- **Web submission:** A 50-point bonus may be claimed by a group submitting their Field Day entry via the www.b4h.net/cabforms web site.

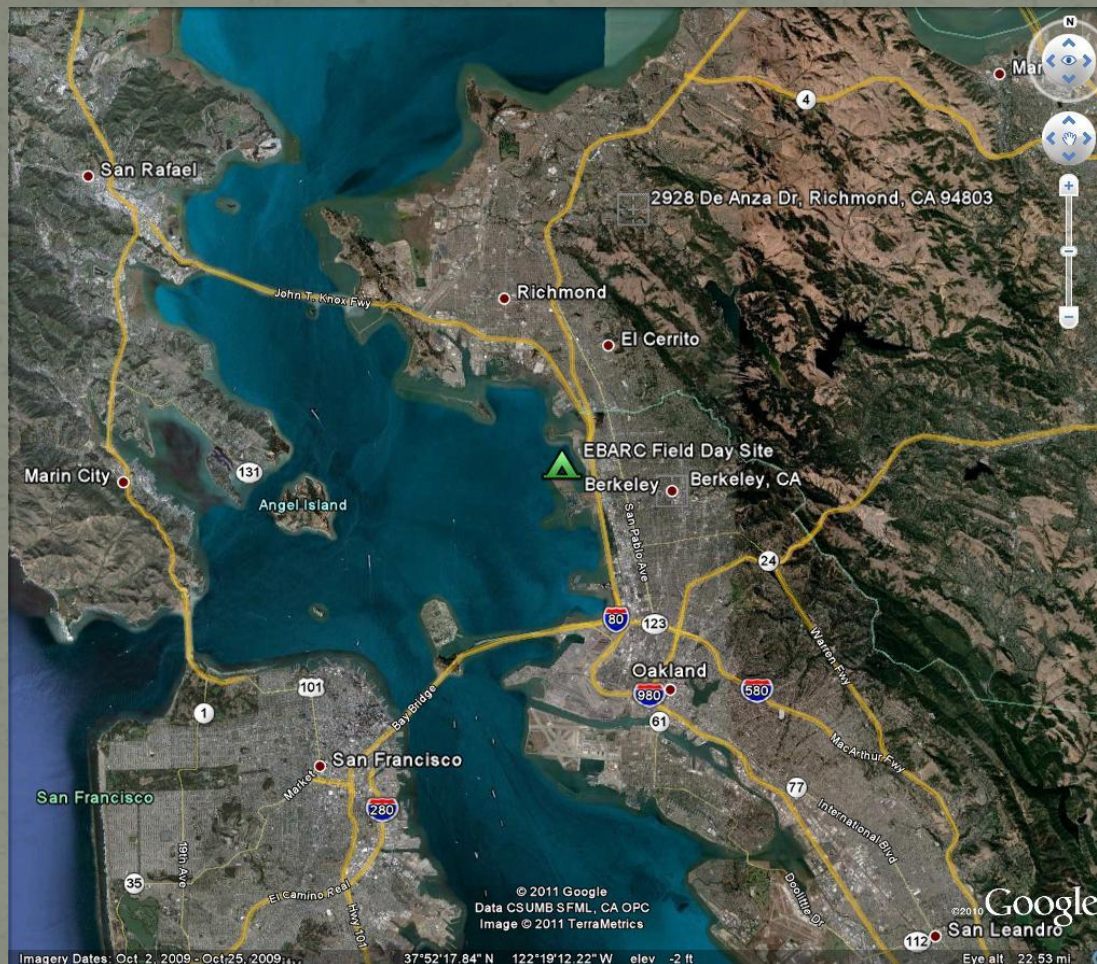
Field Day – Bonus Points - Youth

- 7.3.15.1. A 20-point bonus (maximum of 100) may be earned by any Class A, C, D, E, or F group for each participant age 18 or younger at your Field Day operation that completes at least one QSO.
- 7.3.15.2. For a 1-person Class B station, a 20-point bonus is earned if the operator is age 18 or younger. For a 2-person Class B station, a 20-point bonus is earned for each operator age 18 or younger (maximum of 40 points.) Keep in mind that Class B is only a 1 or 2 person operation. This bonus does not allow the total number of participants in Class B to exceed 1 or 2.

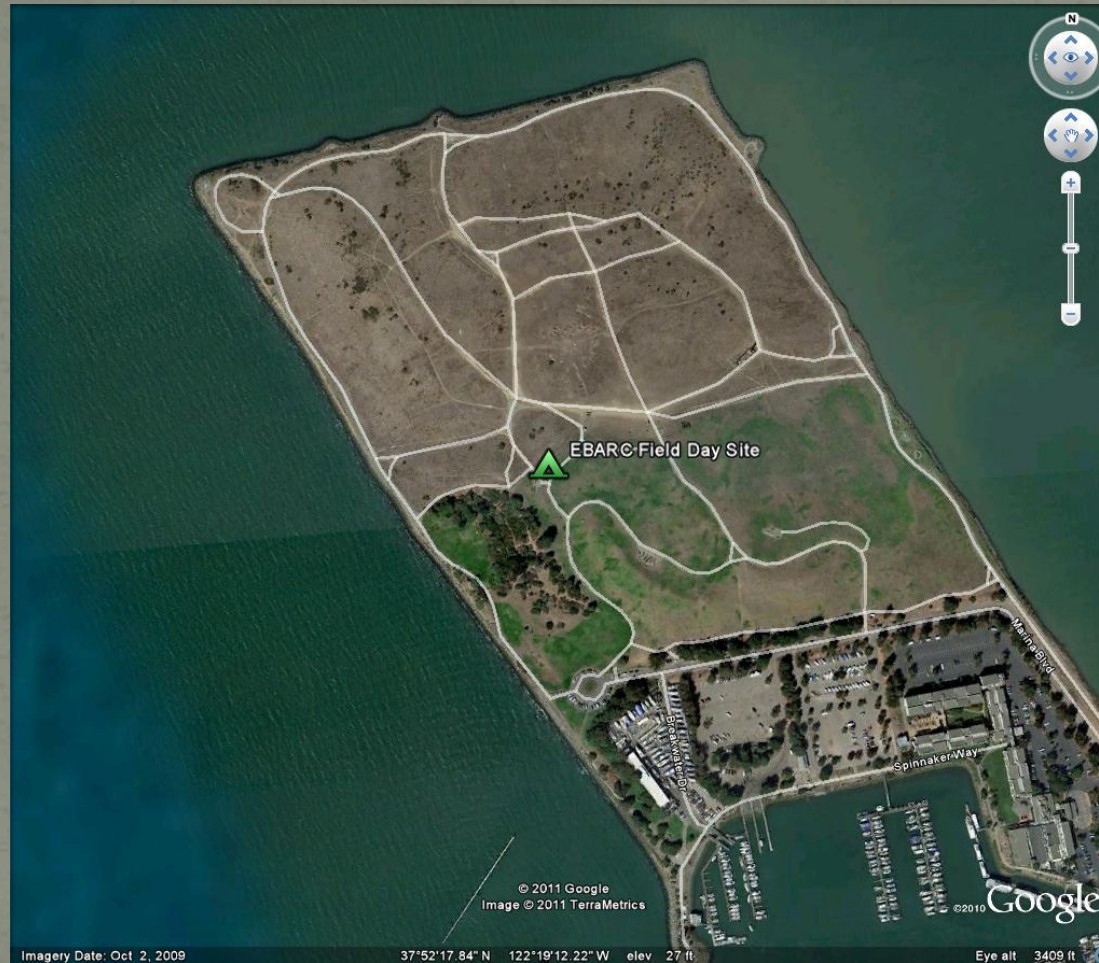
Field Day – EBARC – Load-out

- Setup begins at 11am Friday at the Club Station:
3200 MacDonald Avenue, Richmond
- From the club station we proceed to Caesar Chavez Park in Berkeley
- Talk-in: WD6EZC repeater (kudos to CCCC):
145.110MHz (-) PL82.5Hz

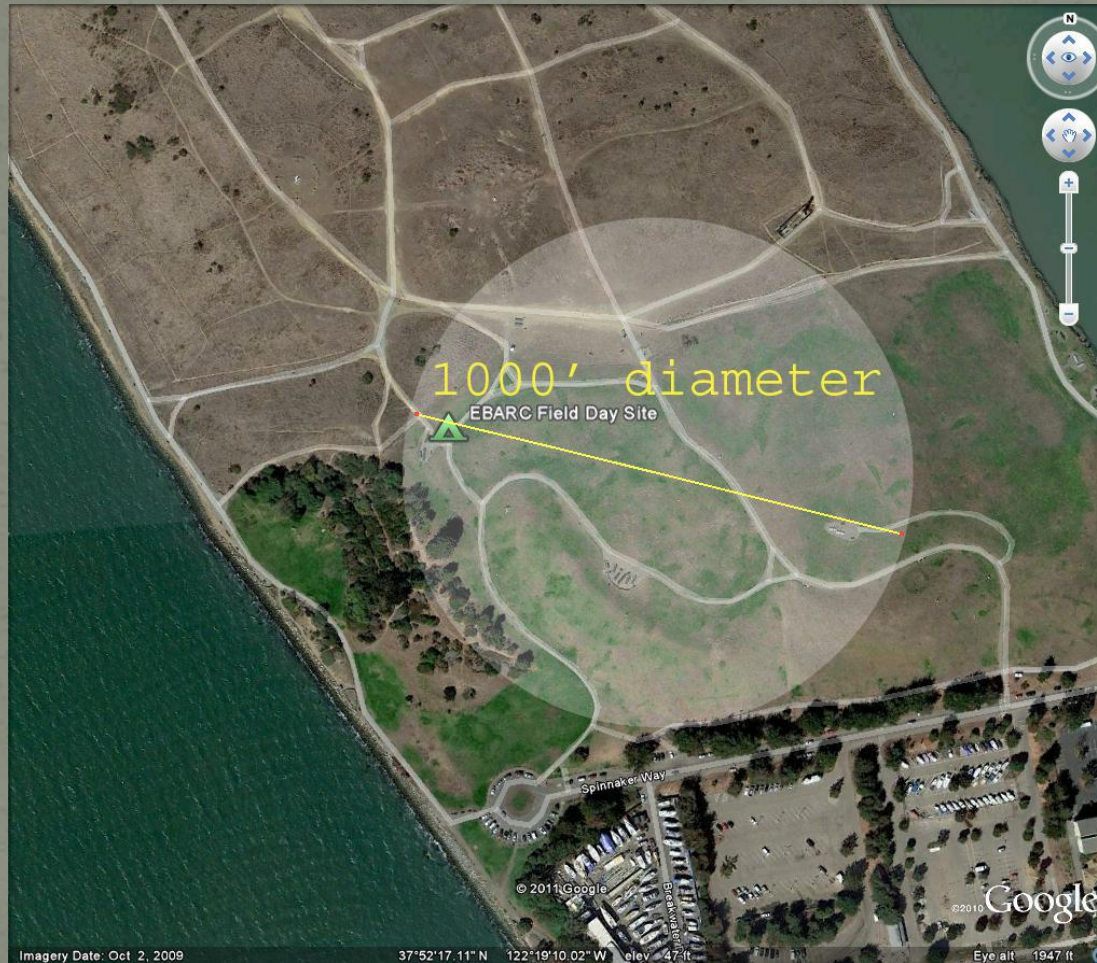
Field Day – EBARC – QTH



Field Day – EBARC – QTH



Field Day – EBARC – QTH



Field Day – EBARC – QTH



Field Day – EBARC – Site Setup

1. Yagi antennas on 19.5' crank-up masts
2. Crossed-inverted-vee for 80m/40m
 - One feedline
 - Will need a tuner for 80m/75m
3. Tents:
 - GOTA
 - SSB
 - PSK/Digital
 - CW (will operate mostly from camper-van)
 - Food and Supplies
4. Power/Generator
5. Each station will have a copy of the Field Day Packet/Rules.
- ❖ Ideally we will have all this done by Friday evening.

Field Day – EBARC - Security

- So far K6YV and K6JEB are the only ones slated for security on Friday. It would be nice if you can help! It's like 'camping' in the Park! Hi hi!
- The Park is a public place so keep your eyes open and be sure to let others know if something is amiss.
- There are skunks that live in the Park (just ask Kyle, KI6FYW) 😊

Field Day – EBARC - Teams

- Talk from each of the Team Captains
 - GOTA - Bob, K6YV
 - PSK/Digital - Peter, W6DEI
 - Power/Logistics - Stanton, KD6SWU
 - SSB - Mathison, KJ6DZB
 - Using N3FJP for logging
 - Using Kenwood TS-440
 - CW - Jack, K6JEB
 - Probably just myself and Dave, K6DAJ - need seasoned ops!
 - Using Writelog
- Each station should try to set up so others can hear/see what you are doing
 - Headphone splitter
 - 2nd monitor?

CW is Cool!



K6JEB

Field Day – EBARC – Break-down

- Begins at 11am - don't bother the ops with early efforts!
- We need to be out of the Park by 1pm Sunday
- Park in Spinnaker Way unless you have a designated Break-down vehicle
- BE CAREFUL!
- Quality of work – makes setup easier next time
- It's not social hour, but it should be fun!
- Extra points for helping unload back into the Club Station

Field Day – EBARC – T-Shirts

- Will be ready before Field Day
- Design will include club member callsigns as of January designed by resident artist Kyle, KI6FYW. Please notify k6jeb@arrl.net ASAP if you've joined since then.
- Will be available at least through CAFÉ PRESS (starting at \$24); watch eastbayarc.org for details.
- Team Leads get a free shirt (I need your sizes)
- HOPEFULLY ready to wear by Field Day

Past Field Days



Past Field Days



Past Field Days



Past Field Days



Past Field Days



Past Field Days



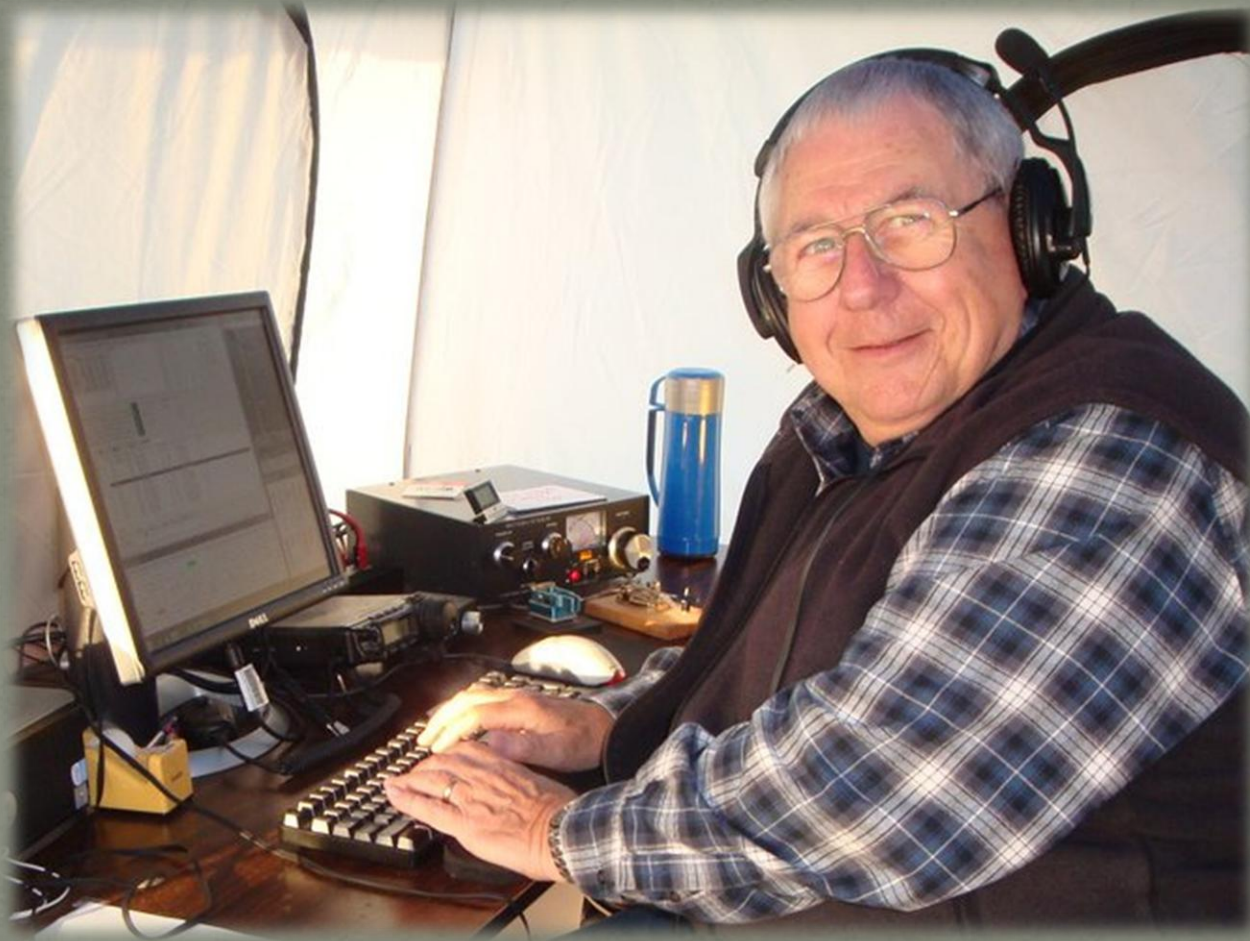
Past Field Days



Past Field Days



Past Field Days



Past Field Days



QR

Past Field Days



Past Field Days



Field Day – Misc Notes

- If you don't know what to do, take pictures.
- If you are talking to, or distracting anyone who is operating a station you are WRONG. PLEASE STOP!
- GOTA is our 'front desk'
- Consider helping with the graveyard shift, or the Sunday morning shift, or the BREAK-down starting at 11am Sunday.
- We need a Food Lead
- You each have something to contribute to EBARC Field Day 2011!!!

EBARC's Field Day Exchange - CQ

W6CUS: "CQ Field Day, Whiskey Six Charlie Uniform Sierra"

W1AW: "Whiskey One Alpha Whiskey"

W6CUS: "Whiskey One Alpha Whiskey, you are three Alpha,
Echo Bravo"

W1AW: "roger, Fifteen Alpha, Charlie Tango"

W6CUS: "Thank you, QRZ Field Day, Whiskey Six Charlie
Uniform Sierra"

EBARC's Field Day Exchange – S&P

W1AW: “CQ Field Day, Whiskey One Alpha Whiskey”

W6CUS: “Whiskey Six Charlie Uniform Sierra”

W1AW: “Whiskey Six Charlie Uniform Sierra, FIFTEEN Alpha, Charlie Tango.”

W6CUS: “roger, three Alpha, Echo Bravo”

W1AW: “thank you, CQ Field Day . . .”

USE ONLY REAL PHONETICS

ALPHA	NOVEMBER
BRAVO	OSCAR
CHARLIE	PAPA
DELTA	QUEBEC
ECHO	ROMEO
FOXTROT	SIERRA
GOLF	TANGO
HOTEL	UNIFORM
INDIA	VICTOR
JULIET	WHISKEY
KILO	X-RAY
LIMA	YANKEE
MIKE	ZULU

EBARC Field Day Pile-Up Simulator 5000

- Try to get through to the station calling CQ using (sometimes barely) proper operating techniques
- Remember, this is a contest
- Use each slip only once, then get another
- RATE RATE RATE!
- What can you do to get through faster?
- CQing station has to log with N3FJP, try not to work duplicates or bad improper sections

EBARC Field Day 2011 - resources

- <http://www.n3fjp.com/FD.htm>
- <http://www.arrl.org/field-day>
- <http://www.eastbayarc.org/>