

W6AGO

AEA Amateur Radio Club



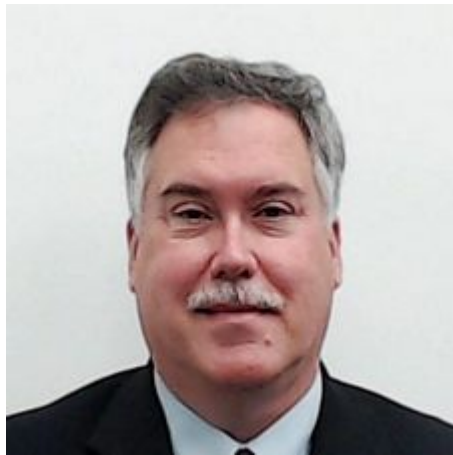
April 2021 Meeting

Field Day Planning
D8 Roof Antenna Tour

AEA Amateur Radio Club Officers



President
Kirk
Crawford
KK6KC



Vice President
Thomas Fagan
K7DF



Secretary
Bob Lanahan
KK6WYW



Treasurer
Albert Leong
KD6NSG

Agenda

- Field Day Planning
- D8 Roof Antenna Tour
- Questions and Answers



Get ready for ARRL Field Day

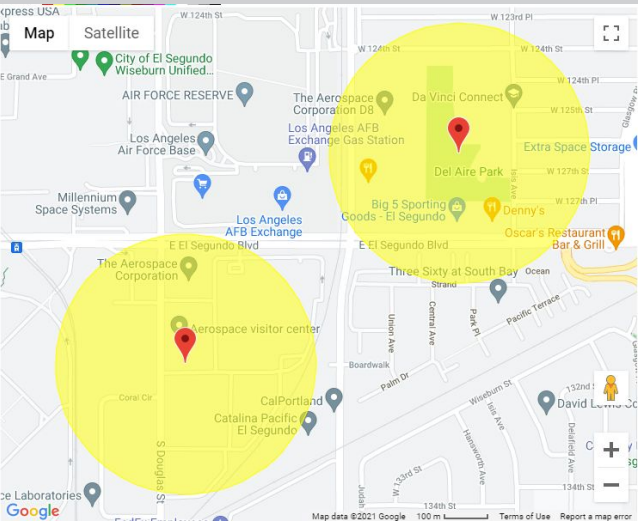
ARRL Field Day



Objective: To contact 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 to learn to operate in abnormal situations in less than optimal conditions.

This Year Will Be Different (Again)

- June 26-27
- Need to comply with social distancing rules in effect
- Home Stations (Class D) or Home on Emergency Power (Class E)
- Class D and E stations limited to 150 watts PEP
- How to keep in touch? Teams Chat? Whats App?
- If no existing home station, make one with a portable antenna
- Club names are included this year in all classes
- Possible to set up stations in 300m (1000 ft) circle
 - Parking Structure is 385 ft diagonally
 - Roofs of A2+A3+A8 fit
 - All of D8 fits (by itself)
 - Del Aire Park Fits



Field Day 2

- <http://www.arrl.org/field-day>
- For contacts exchange Call Sign, Number of Simultaneous Transceivers, Station Type and Location
- I will be KK6KC 2B LAX
- Station Type (A,B,C,D,E,F)
 - **A** Club/Non-Club 3 or more operators Portable No Grid Power (Shall we? Need social distance, Maybe just vaccinated?)
 - **B** 1 or 2 persons Portable No Grid Power
 - **C** Mobile Station capable of being operated while in motion
 - **D** Home Station using fixed home antennas Grid Power
 - **E** Home Station using Emergency Power
 - **F** Emergency Operations Centers



Field Day 3

- Start 18:00 UTC Sat to 17:59 UTC Sun (11AM Sat to 10:59 AM Sun PDT)
 - Extra time if you don't start setup until 11AM Saturday)
- On HF Be aware of the band plan (CW, Digital, Phone sections of the band)
- On VHF Be aware of the band plan (SIMPLEX ONLY) National call freq can be used to get contacts, but try to move to other simplex Frequencies
- We can monitor VHF repeaters for coordination, but not for contacts
- Phone Contacts 1 point each CW or Digital, 2 points each.
- See rule for many ways to earn extra points
- Some highlights
 - Youth participation: 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 4

- D Stations can contact all other stations for points (Special for 2020& 2021)
- Submit with “AEA Amateur Radio Club” as your club (Special for 2020 & 2021)
 - An aggregate club score will be published, which will be the sum of all individual entries indicating a specific club
- Shall we compete with scores? Email me your scores afterwards
- Keep in touch via repeater or how?

D8 Roof Antenna Tour





- 6 Meter Beam on top of penthouse
- Rotates and functions fine
- May have some noise









View from top
of penthouse



- 80-160m Receive pair verticals
- Support rusted out for one of them
- Joe may refurbish





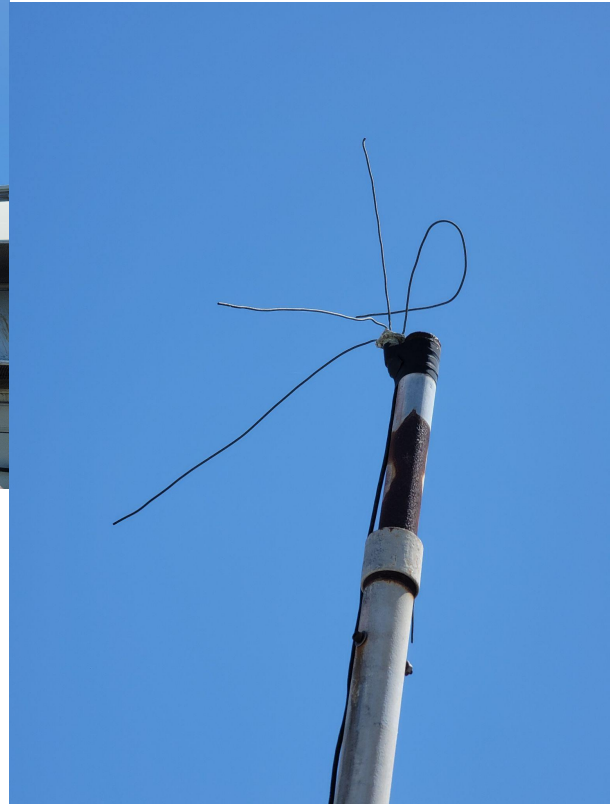
- 80m Vertical
- A bit bent
- Lost one radial of top hat
- Joe will fix connection and examine box



Connection fell off while we were there.



- 220 Vert
- Works, but probably should replace

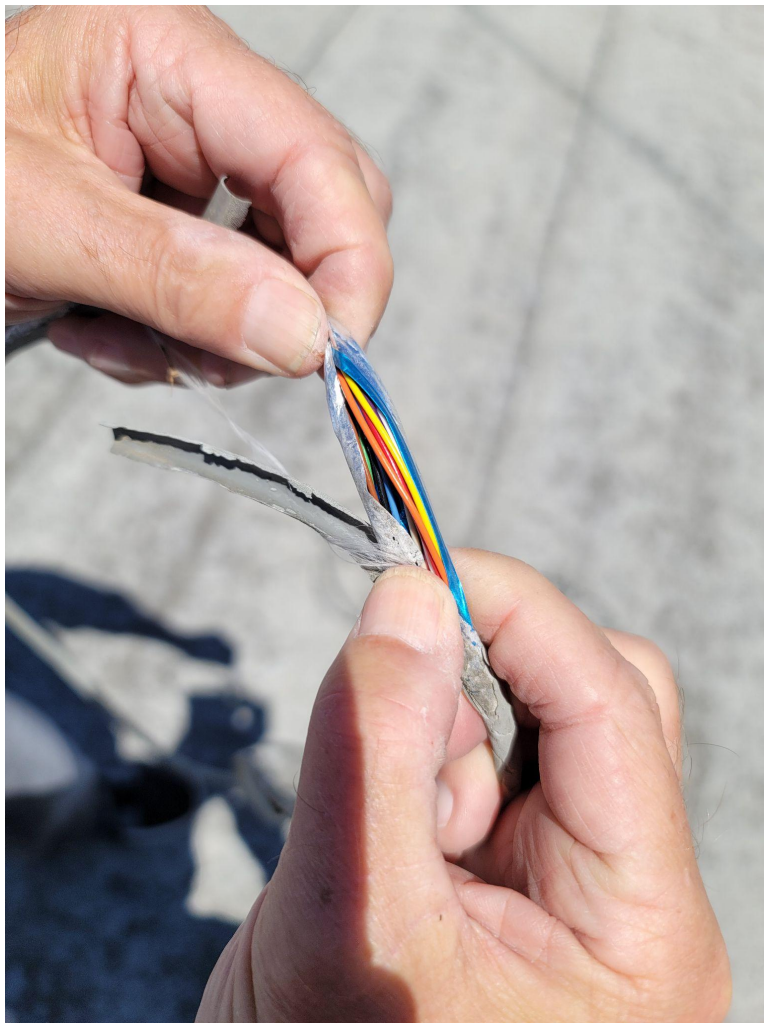




- 6M Omni
- Joe will test



- Stepp IR
- Works fine
- Control cable needs replacement. (part that is in sun)



- Need to order control cable
- We can splice in the replacement portion from the tower to the hole. The part on the tower is fine.



- Pile of old parts
- We should cut up smaller
- Have movers dispose of them

- EME System, Disconnected, could be refurbished
- 70 cm beam, also disconnected, needs work
- Will not fall down, wait until someone has interest