



# AEA ARC Meeting

March 29, 2018

Congratulations!



Steve Schmidt  
Technician License  
**KM6QMT**

# Website Changes

- Every member has an account on the website
- All can comment
- Members only section
  - D8 Shack Procedure
  - Shack Access
  - Roster (future)

# Radio Giveaway

- 2 Flex Radio SDR-1000 QRP Radios Free to good home
- 1 Watt Output (No 100 Watt PA Option)
- Includes Parallel Interface Cable
- Requires XP Computer and Sound Card or...
- Could use pi-sdr device (\$275) [pi-sdr.net](http://pi-sdr.net) (Makes it a network radio, OS immune)
- Frequency range
  - RX-range - 0.012-60 MHz
  - TX-range - 160-6m (2m optional)
  - HAM bands - 160m 80m 60m 40m 30m (WARC) 20m 17m (WARC) 15m 12m (WARC) 11m (CB) 6m 2m
  - Tuning steps - 0.001 kHz
  - Filters - Software controlled
- Recommended only for an experienced HAM



# Field Day 2018

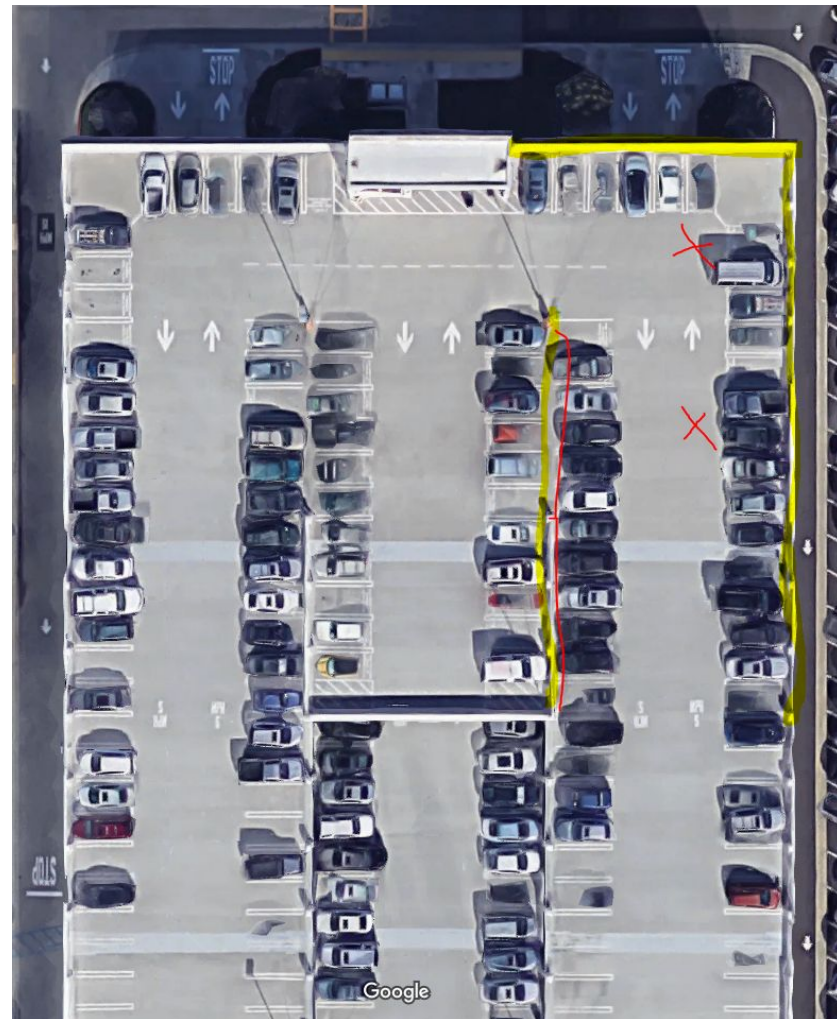
- Objective?
  - To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions.
- Saturday June 23 18:00 UTC (11:00 AM PDT) to Sunday June 24 20:59 UTC (1:59 PM PDT)
- Parking structure
- Antennas on top level
- Radios and operators one level down
- Find out more: <http://www.arrl.org/field-day>
- 2 meetings between Now and Then



[www.arrl.org](http://www.arrl.org) #ARRLFD #IGC

# Field Day 2018 Plan

- 2 weeks prior (June 8) Put out no parking warning flyers on 3rd and top floors of parking structure
- 1-2 weeks prior order tables, chairs, stanchions, cones, ropes from facilities to be delivered on 6/22 returned 6/25
- 6/23 8 am arrive and set up
- One person bring gas for generator from home
- Meet at Trailer to move equipment to structure in cars
- Generator and Antennas on Roof,
- Radios, tables, chairs on 3rd floor.
- VHF 440 Beam Vertical
- Use 10ft steel masts clamped/tied to outer wall
- HF use Buddipole and Crank IR
- Possible use Inverted V thrown over lamp pole
- Get QSO's
- Lunch (Someone want to bring it or order it?)
- Get QSO's
- End Saturday evening or go longer?
- Tear everything down
- Return stuff to Trailer



# Field Day Needs

## Volunteers

- HF Rig 1 (Kenwood)
- HF Rig 2 (KX3)
  - Normal and Natural Power QSO's (5)
- VHF Rig(s) Steve Schmidt
- Message Handling? Bob
- Satellite QSO? Bob
- Educational Activity
- Safety Officer
- Public Relations
  - Advertise in AERO - Kirk
  - Advertise on Check In Net -Ching
- Logistics
  - Reserve Tables/Chairs -Kirk
  - Gasoline
  - Lunch?

## Purchases

- ? Inverted V
- ? Antenna throwing Device
- Use existing 10ft Masts for VHF Antennas (how many?)
- Multiband VHF Radio
- VHF Beams to Stack?
- USB Sound Card - Digital Mode with Kenwood or KX3 ?
- Headsets and PTT buttons for at least 3 setups (2 HF + VHF) ?
- Buy Adapters and Headsets ?
- Fix microphone stand for Kenwood
- Wheels on Generator are too hard to push (Hard wheels?) Was this fixed?