



AEA ARC Meeting

April 26, 2018

Congratulations!



Steve Schmidt
General License
KM6QMT/AG

Shack Reports

D8

A2

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 18:00 UTC (11:00 AM PDT)
- Parking structure
- Antennas on top level
- Radios and operators one level down
- Find out more: <http://www.arrl.org/field-day>
- 1 meetings between Now and Then

ARRL FIELD DAY
2018

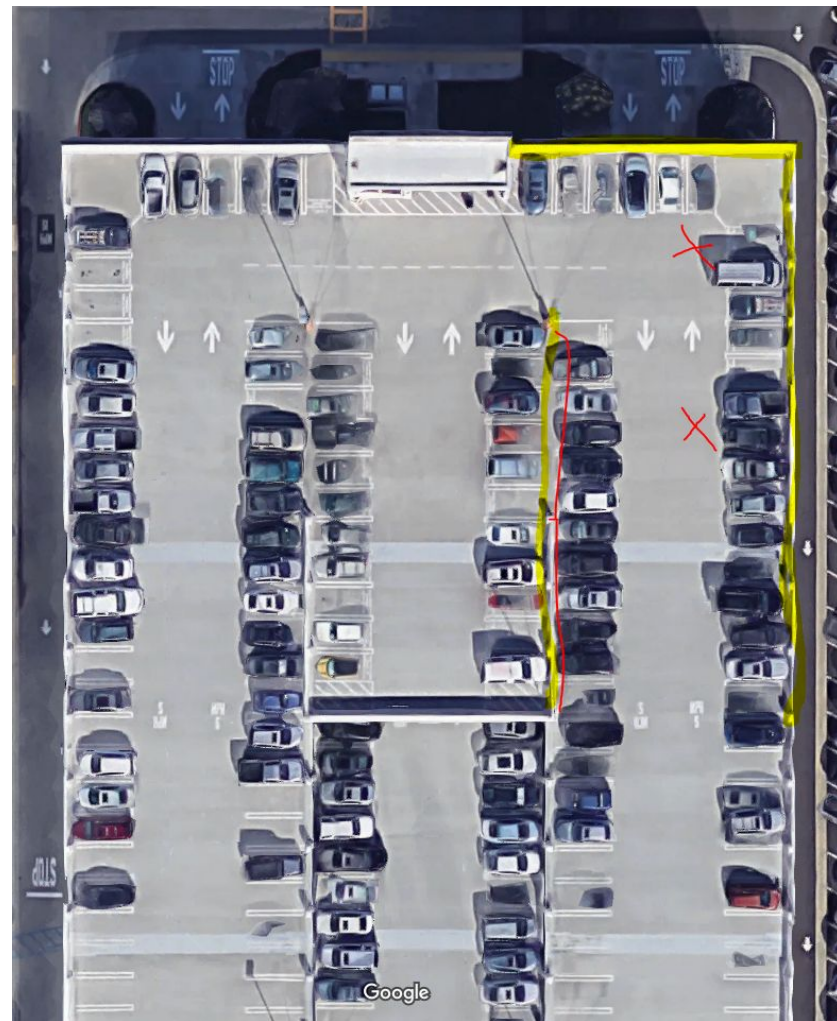


Grid Chase!

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
- 6/22 Warn Security about opening gate at A6 West and trailer coming in
- 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 or Multiband Vertical
- Use steel masts clamped/strapped to outer wall
- HF use Buddipole and Crank IR
- HF Inverted V hung from 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) -Tom (Own)
- HF Rig 2 (KX3) - Kirk Bring His and Digi
 - Normal and Natural Power QSO's (5)
- VHF Rig(s)
 - Steve Schmidt
 - Don Hall
- Message Handling
 - Bob
- Satellite QSO
 - Bob
- Educational Activity -Kirk
- Safety Officer-Kathleen/Don
- Public Relations
 - Advertise in AERO - Kirk
 - Advertise on Check In Net -Ching
- Logistics
 - Reserve Tables/Chairs -Kirk
 - Gasoline -Don
 - Lunch-BYO

Purchased

- SotaBeams 2 Band Dipole - Inverted V
- Ez-Hang Antenna throwing Device
- Knobs for KX3

To Be Purchased -Kirk Check Out

- 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

Sota Beams Antenna

Bands 20 m, 40 m

Power rating 125 Watts

Balun included Yes

ATU needed? No. Connects
direct to your radio

SSB, CW, data? Yes. Fine for all
modes

How long is this antenna?
About 28 metres end to end
(20-40 version).

**32 feet of feeder, We may need
extension of BNC feed line**

\$64



EZ Hang Antenna Launcher

- EZ Hang Launcher
- 300 feet of 10-pound-test monofilament line installed
- 2 green EZ Hang balls
- 7 yellow 1 oz weights & clips
- Spare Bands
- EZ Winder 500' orange line
- EZ Hang Tool Kit Bag
- \$130



How to Get Points

Normal QSO's

- 1-Phone QSO
- 2-CW or Digital QSO
- **x2** Power Multiplier <150 Watts

Bonus Points

- **200** - 100 points per transmitter on emergency power only
- **100** - Media Publicity Does orbiter article count?
- **100** - Public Location (won't get this)
- **100** - Public Information Table Not in public can we claim?
- **100** - Message to Section Manager via ARRL Radiogram (Bob/Tom?)
- **10-100** Message Handling (Bob/Tom)
- **100** Satellite QSO (Bob) 1 QSO
- **100** Alternate (Solar Battery) 5 QSOs

Bonus Continued

- **100** W1AW/K6KPH Bulletin
- **100** Educational Activity
- **100** Site Visit Elected Gov Official
- **100** Site Visit Agency
- **??** GOTA Station
- **50** Web Submission
- **20-100** Youth Participation 18 & under
- **100** Social Media (do we qualify?)
- **100** Safety Officer