



AEA ARC Meeting

June 28, 2018

Christmas Party Info

- Bob Lanahan is in charge
- Proud Bird is booked
- We get a free appetizer!
- Otherwise same as last year
- Make suggestions if you want something new



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 8:00 AM to about 4:30 PM
- Parking structure
- Antennas on top level
- Radios and operators one level down

ARRL FIELD DAY
2018



Grid Chase!

www.arrl.org #ARRLFD #IGC

Field Day Report

- Attendees

- Clark Hanley
- Kirk Crawford KK6KC
 - Jesse Crawford
- Bob Lanahan
- Andrew Lin
- Steve Schmidt
- Andre Doumitt
 - 3 Teenagers

- Antenna Setup

- VHF
 - Multiband Vertical (144, 220, 440)
 - Mounted on 10' Mast
 - Strapped to Cement Column

- Antennas Setup (Cont)

- HF1
 - Buddipole 20M Vertical
 - ~16ft counterpoise wires
 - Pipe Clamps + car tire as guy points
- HF2
 - Crank IR 40m Vertical
 - 1 Counterpoise to traffic cone
 - Pipe Clamps and Long line to fence guy points
- HF3
 - Sotabeams Band Hopper 20M
 - Antenna Launched over Light Pole
 - Inverted V to Trash Can and fence
 - BNC Extension for cable (Needed Barrel)

Field Day Radio Setup

- VHF
 - Kenwood TM D-710g
- HF1
 - Kenwood TS690S
 - Footswitch and headphones worked well
- HF2
 - KX3
- Education Table
 - Morse Code Chart
 - Morse Code Practice Key



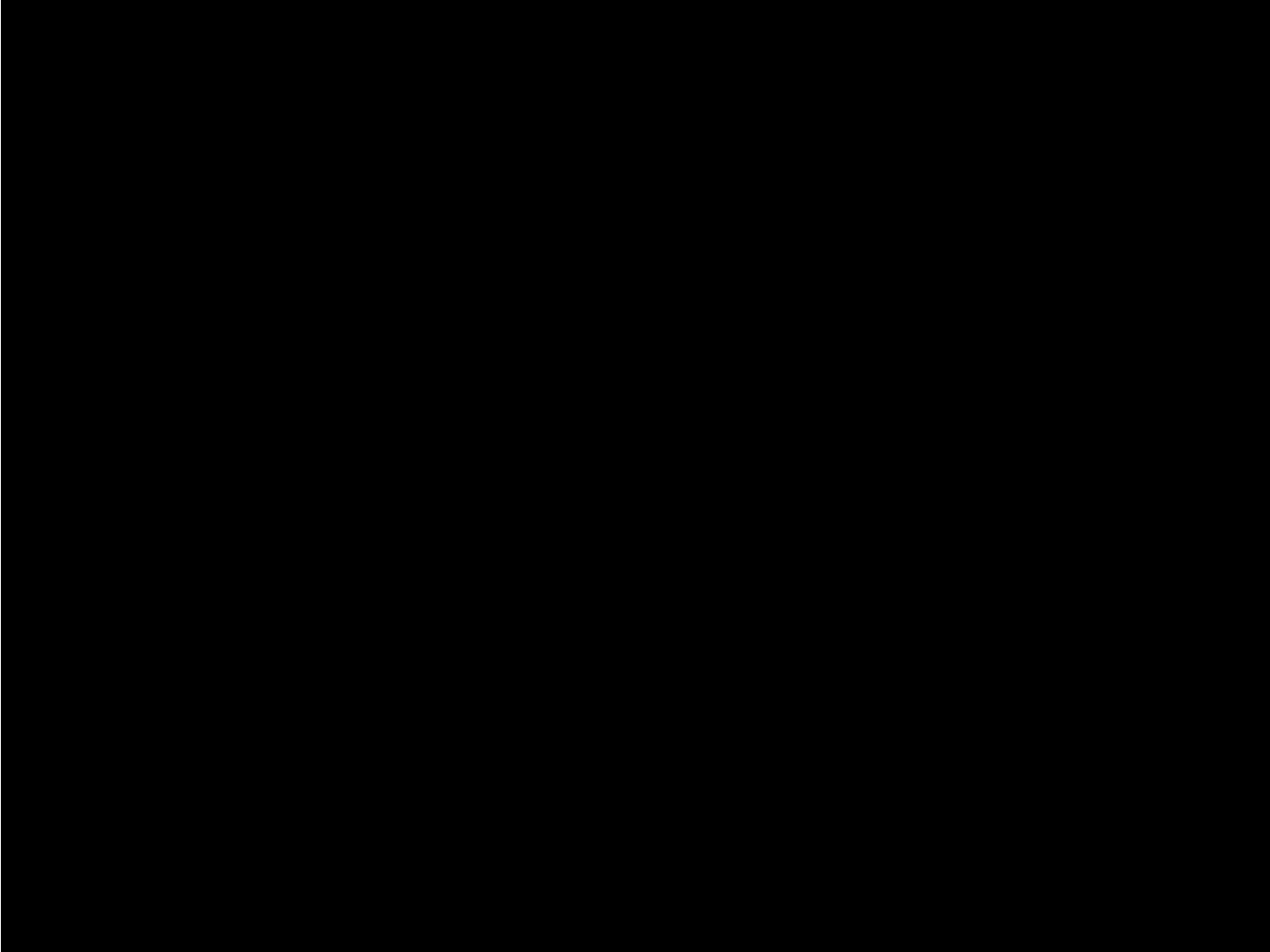
















Contest Statistics

Total Contacts = 32

Total Points = 32

Operating Period: 2018/06/23 19:50 - 2018/06/23 23:50

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
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40	0	10	0	10	31
20	0	11	0	11	34
2	0	11	0	11	34
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Total	0	32	0	32	100

Total Contacts by State \ Prov:

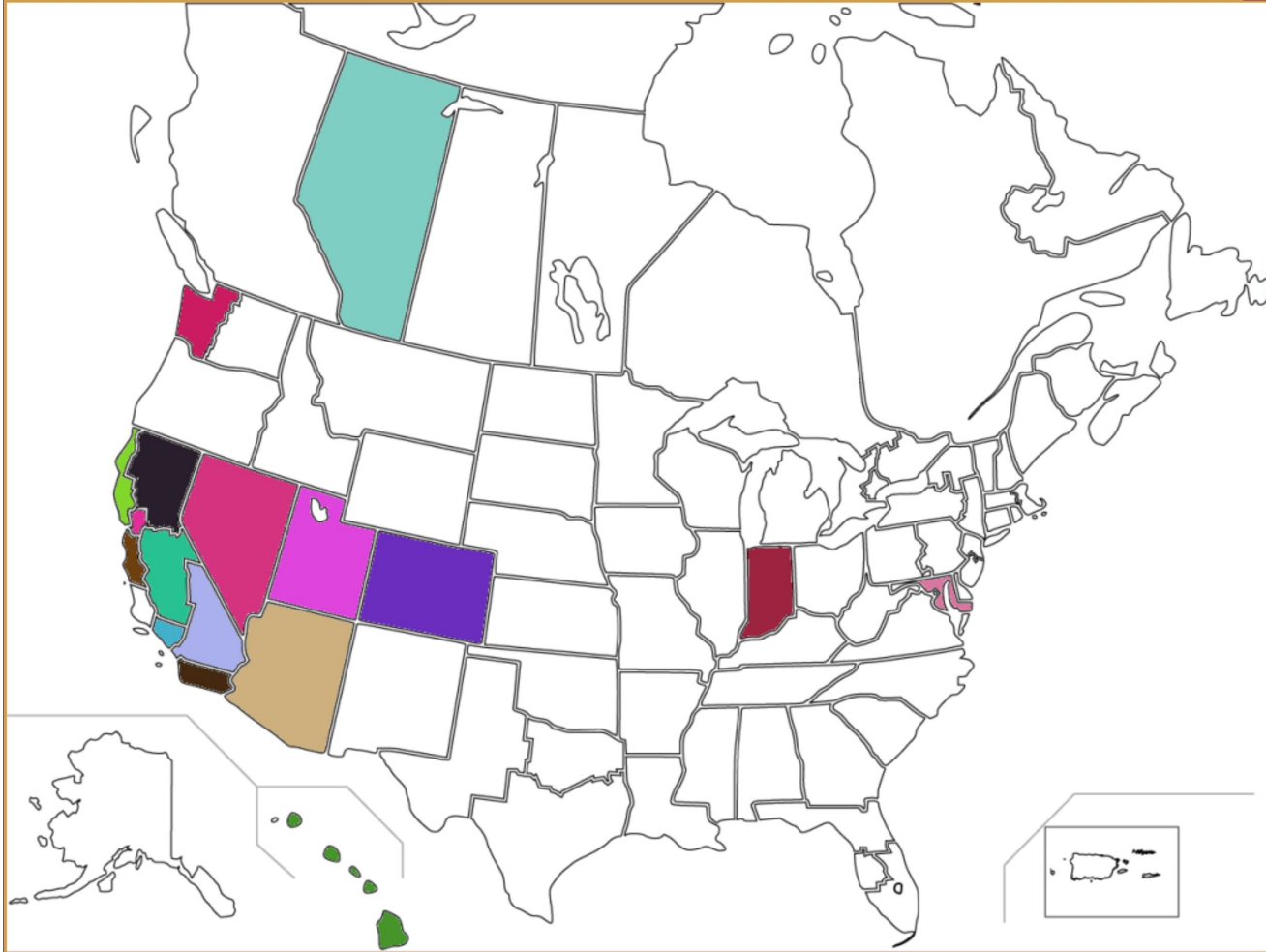
State	Total	%
-----	-----	---
CA	20	63
AB	2	6
AZ	2	6
WA	2	6
CO	1	3
HI	1	3
IN	1	3
MD	1	3
NV	1	3
UT	1	3
Total	= 10	

Total Contacts by Section:

Section	Total	%
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LAX	11	34
ORG	3	9
AB	2	6
AZ	2	6
WWA	2	6
CO	1	3
EB	1	3
IN	1	3
MDC	1	3
NV	1	3
PAC	1	3
SCV	1	3
SDG	1	3
SF	1	3
SJV	1	3
SV	1	3
UT	1	3
Total	= 17	

Total Contacts by Country:

Country	Total	%
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USA	29	91
Canada	2	6
Hawaii	1	3
Total	= 3	

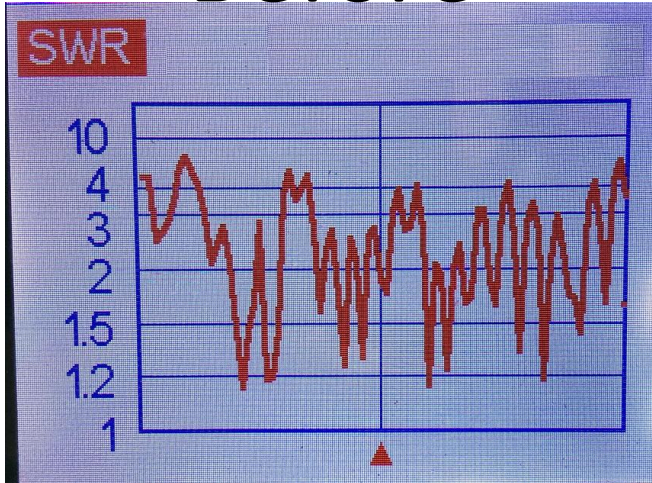


VHF Good Procedure

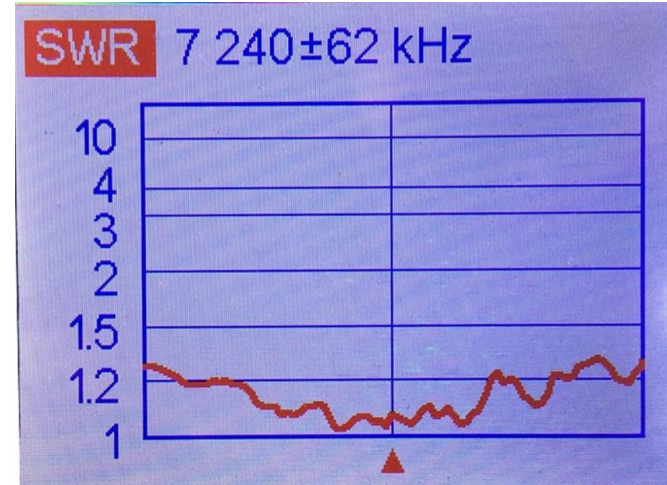
- VHF - Kenwood TM D-710g setup
 - Panel PF1 Frq Band
 - Panel PF2 Dual
 - Mic PF1 (PF) A/B
 - Mic PF2 (MR) MR
 - Mic PF3 (VFO) VFO
 - Mic PF4 (Call) ENTER
- Method
 - 2m calling frequencies
 - i. 146.520
 - ii. 146.535
 - iii. 146.550
 - iv. 146.575
 - A working pattern is:
 - i. Move to the calling frequency and dwell.
 - ii. Listen to the traffic and start jotting down on a scratch pad the call signs as they are announced.
 - iii. When two stations make their contact, copy down their class and location next to their call sign.
 - iv. Break in when proper and work down the list of call signs. Since you already have class and location for the call sign, you simply provide your data and verify their data when they send it.
 - v. Rotate to a different calling frequency and repeat. Be mindful of duplicates.

Setting up the Crank-IR antenna

Before



After



Thank you Kirk !!

Lessons Learned

- Practice with the radios beforehand
- Try CW and digital messages as well
- Have a planned lunch break and club provided food
- Need proper cable for TM D710G to do digital messages
- Bring Snap Circuits for education table next year
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