



Virtual Tour — K5ND / R

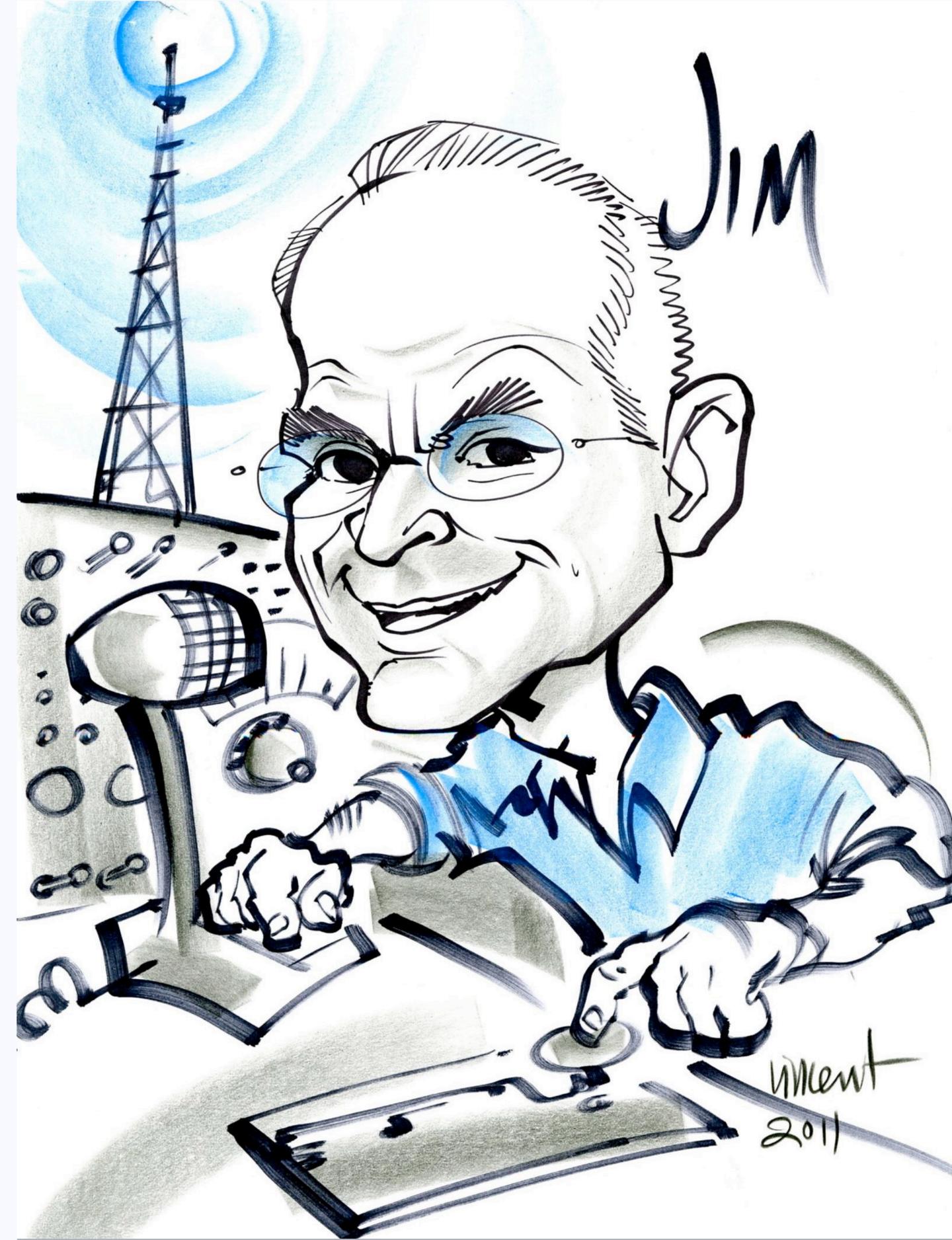


Agenda

- K5ND Rover Journey
- K5ND/R Current Setup
- K5ND/R January Route
- VHF Contest Categories
- Digital Modes in VHF Contesting

Jim Wilson, K5ND

- Writer — Heathkit, QST, CQ, NCJ, 73
- Blogger — www.k5nd.radio
- Scouter — National & World Levels
- VHF Contester & Grid Chaser
- Six Meter Addict





My Rover Journey Phase 1

- Painter Pole
- IC-910H on 2 m and 70 cm
- Diamond Yagis
- Portable Battery Power



My Rover Journey Phase 2

- Fiberglass Push Up Mast
- IC-9100 on 6m, 2 m, and 70 cm
- Standup Outdoor Ops Position
- Moxon and Diamond Yagis



My Rover Journey Phase 3

- Roof Top Rotator
- IC-9100 on 6m and 1.25 m
- IC-910H on 2m and 70 cm
- Moxon and DS Rover Yagis

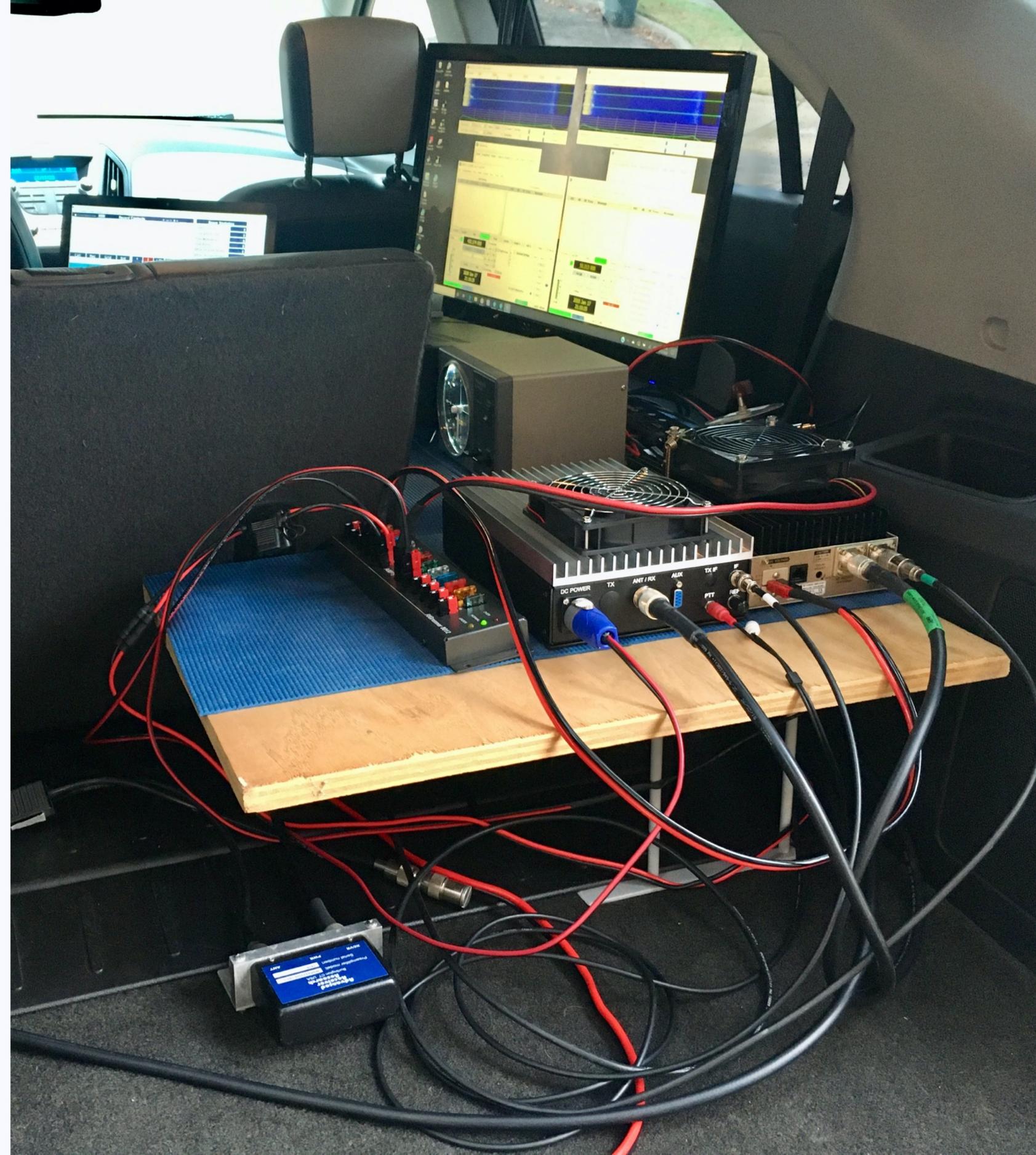
Roof Top Rotator

- 2x4 Platform, Strapped to Roof Rack
- DXE Tower Shelf and Thrust Bearing
- Steel-Tek Pipes and Flanges
- DXE 2" Aluminum Mast
- Yaesu 450G Rotator



Amplifiers Transverters DC Power

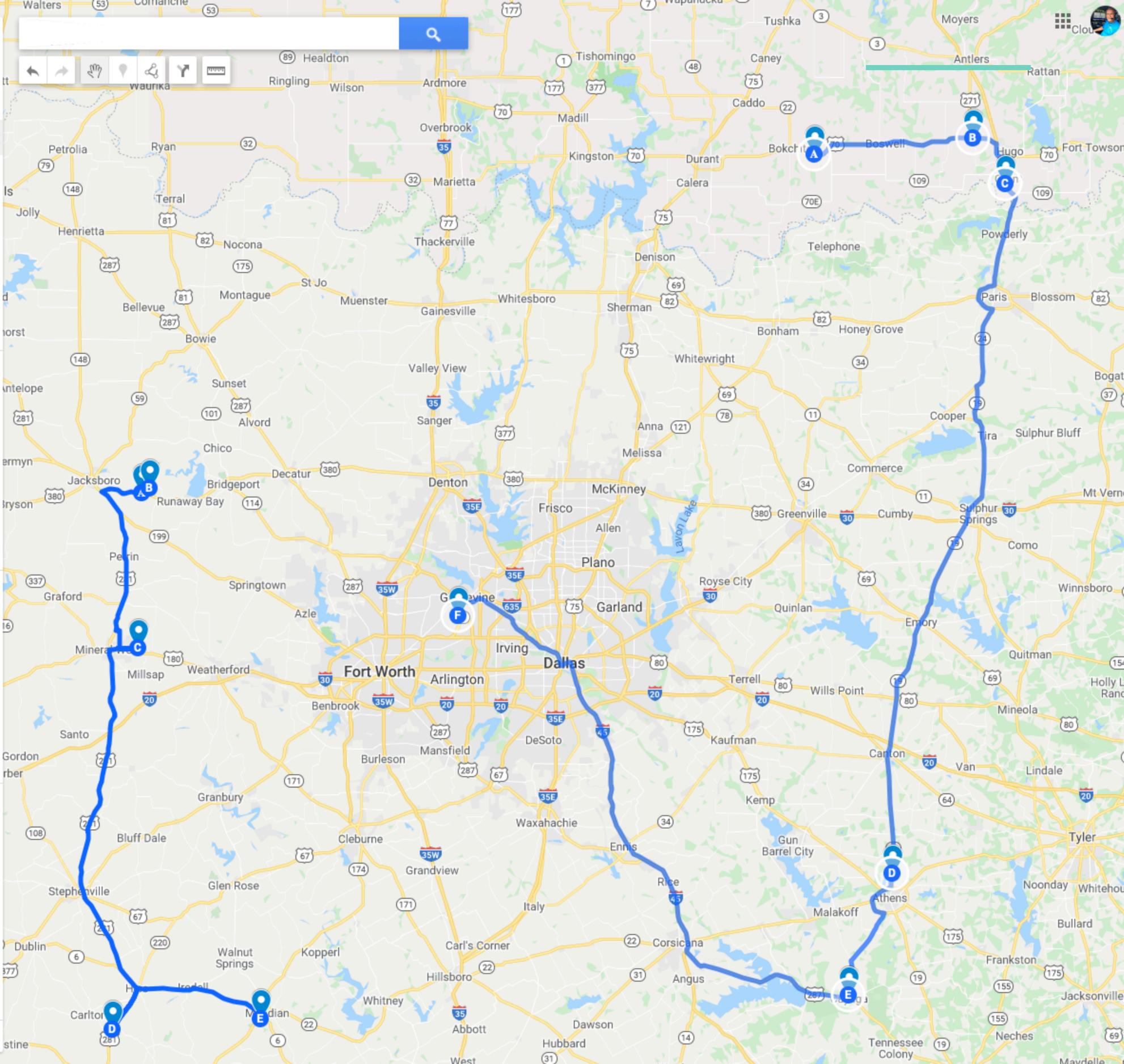
- 6 meter amplifier
- 222 MHz transverter (now amp)
- Preamps
- DC Power Distribution (now N8XJK)



Operating Position

- Rigs and Computer
- Wattmeters
- N8XJK Meters
- Key and Microphones





Rover Route January 2021

Saturday — January 16

1. EM03xe on the air at 1 PM Central Time
2. EM13ae around 2 PM
3. EM02xt at 4 PM
4. EM01wv at 7 PM
5. EM11dv at 9 PM

Sunday — January 17

1. EM14xa at 7 AM
2. EM24ea at 8:30 AM
3. EM23fw at 10 AM
4. EM22bg at 1 PM
5. EM21ax at 3 PM
6. EM12kv at 6 PM

ARRL VHF Contest Categories

50 MHz and Up

Lots of Assistance

Single Operator

1

- Low Power (200/100/50 watts)
- High Power (exceeds low power)
- Portable (10 watts)
- 3-Band (50-144-432 – 100/50 watts)
- FM Only (low 4 bands, 100 watts)

Rover

2

- Classic Rover (two ops)
- Limited Rover (low 4 bands 200/100 watts)
- Unlimited Rover (all bands, high power)

Multi Operator

3

- Limited (4 bands maximum)
- Unlimited

CQ WW VHF Contest Categories

6 and 2 Meters Only

Limited Assistance

Single Operator

1

- Single Op – All Band
- Single Op – Single Band
- Single Op – All Band QRP, 10 watts
- Hilltopper – QRP and 6 hours only

Rover

2

- Rover

Multi Operator

3

- Multi Op

ForEW1 v2.2.0-rc2 by K1JT, G4WJS, and K9AN

Configurations View Mode Decode Save Tools Help

Band Activity

dB	DT	Freq	Message
-12	0.2	2028	~ WB5TUF IZ5DKJ RR73
----- 6m			
-11	0.1	2608	~ K5ND EI4DQ -11
-9	0.4	2546	~ VE2FZP G4RRA R-16
-9	0.4	2292	~ W7FI IK5YJY RR73
-17	0.3	2495	~ W5TRL IW4AOT JN54
-20	0.1	2668	~ CQ DX GU8FBO Guern
-15	0.1	2028	~ WB5TUF IZ5DKJ RR73
-21	0.2	493	~ K8ZR I4EAT -09
-20	0.2	1109	~ W5TRL IK2TDM -15
----- 6m			
-10	0.1	2608	~ K5ND EI4DQ RR73
-14	0.4	2545	~ AA5AM G4RRA -09
1	0.1	1264	~ CQ EU K8SIX U.S.A
-14	0.7	2292	~ W7FI IK5YJY RR73
-17	0.3	2495	~ W5TRL IW4AOT JN54
-13	0.8	2059	~ WU1ITU I4MKN JN64
-19	0.3	2332	~ K0GU EA5IOG 73
-16	0.1	2029	~ WB5TUF IZ5DKJ RR73

Rx Frequency

UTC	dB	DT	Freq	Message
135745	Tx		1674	~ EA5IOG K5ND R-17
135815	Tx		1674	~ EA5IOG K5ND R-17
135830	-18	0.3	2333	~ K5ND EA5IOG RR73
135845	Tx		1674	~ EA5IOG K5ND 73
135900	-14	0.3	2333	~ CQ EA5IOG IM98
135900	-13	0.1	2667	~ CQ NA GU8FBO
135915	Tx		1674	~ GU8FBO K5ND EM12
135945	Tx		1674	~ GU8FBO K5ND EM12
140015	Tx		1674	~ GU8FBO K5ND EM12
140030	-19	0.1	2667	~ K5ND GU8FBO -12
140045	Tx		1674	~ GU8FBO K5ND R-19
140100	-17	0.1	2668	~ K5ND GU8FBO RR73
140115	Tx		1674	~ GU8FBO K5ND 73
140130	-16	0.1	2608	~ CQ EI4DQ IO51
140145	Tx		1674	~ EI4DQ K5ND EM12
140200	-11	0.1	2608	~ K5ND EI4DQ -11
140215	Tx		1674	~ EI4DQ K5ND R-11
140230	-10	0.1	2608	~ K5ND EI4DQ RR73
140245	Tx		1674	~ EI4DQ K5ND 73

Log QSO Stop Monitor Erase Decode Enable Tx Halt Tx Tune Menus

50.323 000 Tx even/1st
 Tx 1674 Hz Hold Tx Freq
 DX Call DX Grid
 Rx 2608 Hz
 Report -10
 Auto Seq Call 1st

Generate Std Msgs Next Now Pwr
 Tx 1
 Tx 2
 Tx 3
 Tx 4
 EI4DQ K5ND 73 Tx 5
 CQ K5ND EM12 Tx 6

2020 May 31 14:02:56

Q K5ND 73 FT8 Last Tx: EI4DQ K5ND R-11 8 11/15 WD:6m

Digital Modes

- FSK441 in 2001
- JT44 in 2002, JT65 in 2005
- FT8 and MSK144 in 2017
- FT4 in 2018
- Working Pile Ups
- Working Any Stations at All



Watch for K5ND / R During the Contests