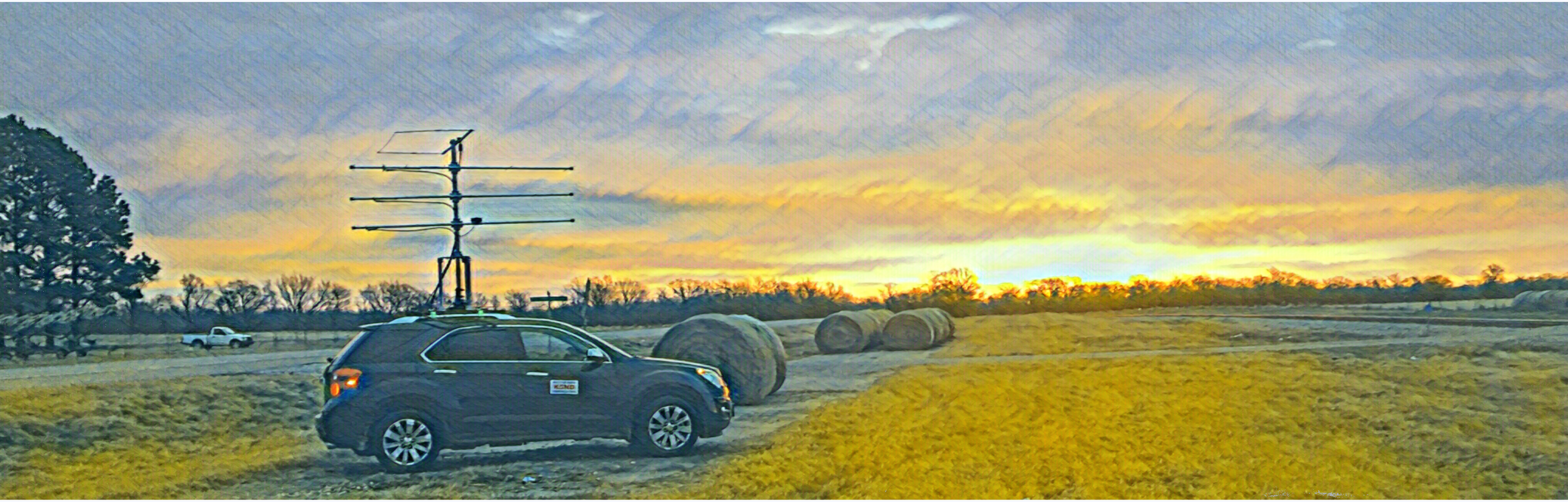


Virtual Tour — K5ND / R

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

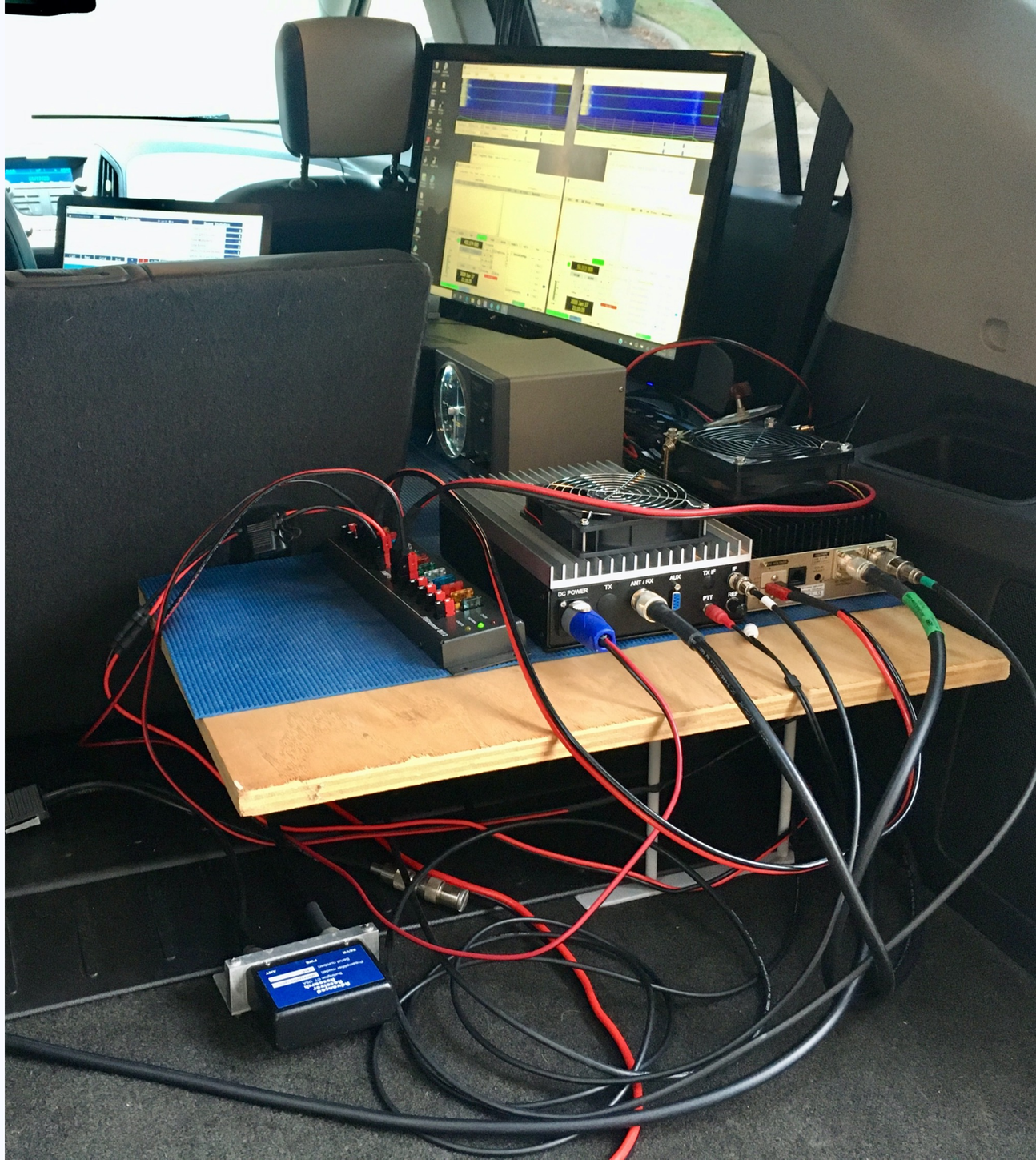
- Roof Top Rotator
- IC-9100 on 6m and 1.25 m
- IC-910H on 2m and 70 cm
- Moxon and DS Rover Yagis

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

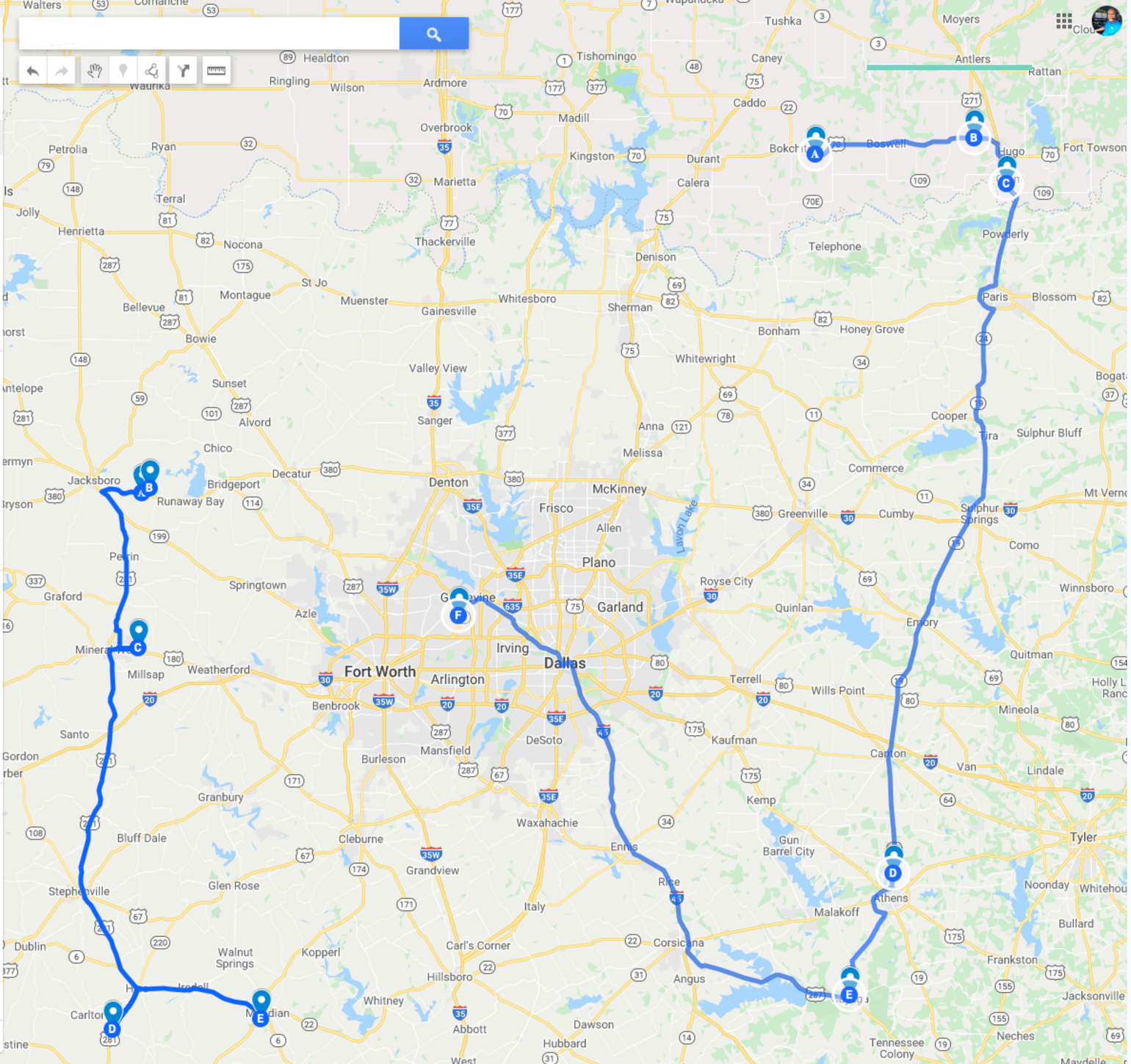
Amplifiers
Transverters
DC Power

- 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

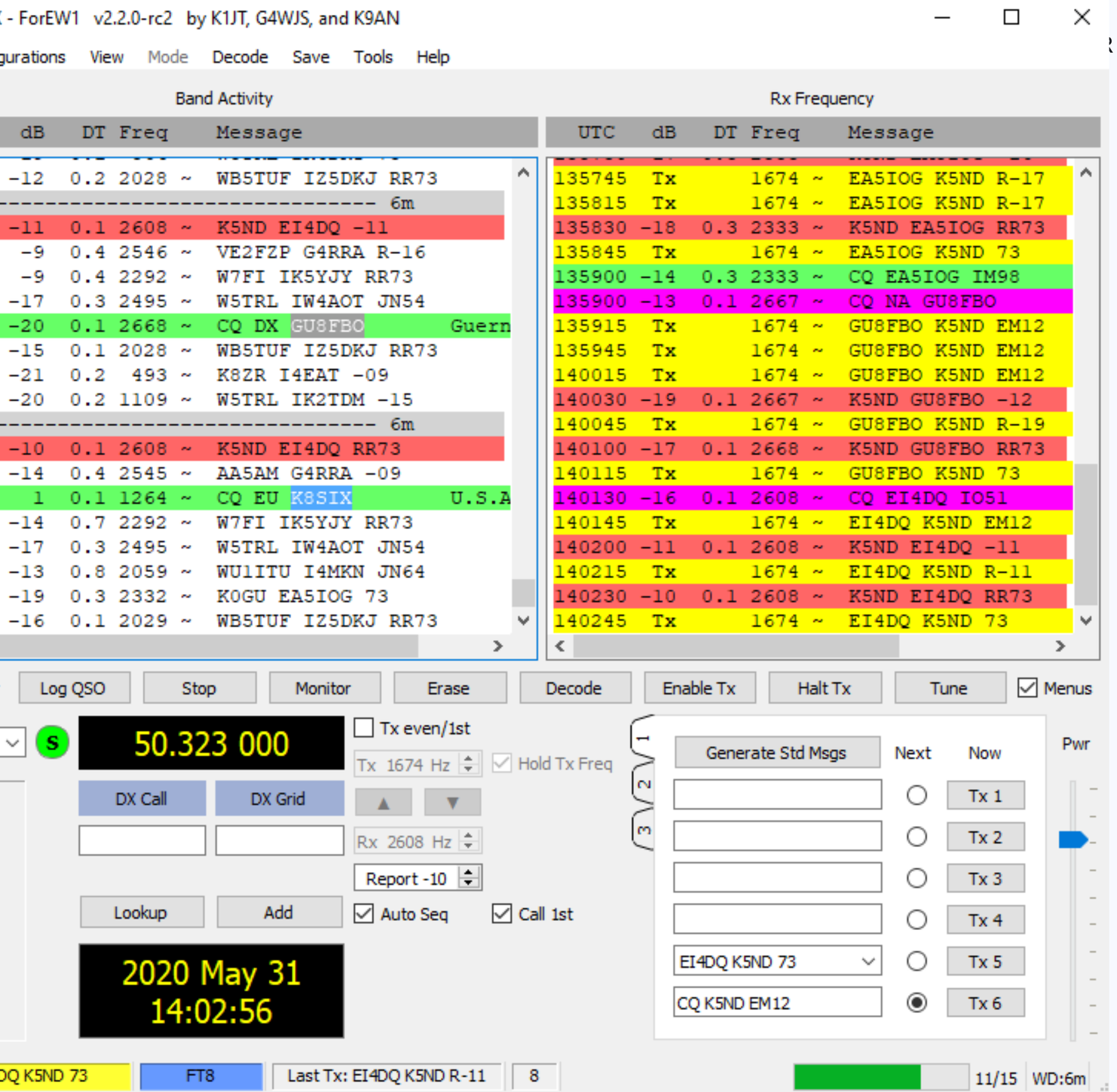
Single Operator	1	• Low Power (200/100/50 watts) • High Power (exceeds low power) • Portable (10 watts) • 3-Band (50-144-432 – 100/50 watts) • FM Only (low 4 bands, 100 watts)
Rover	2	• Classic Rover (two ops) • Limited Rover (low 4 bands 200/100 watts) • Unlimited Rover (all bands, high power)
Multi 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



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