



Tri-County ARC 2025 Winter Field Day

Winter Field Day

An Amateur Radio Field Exercise

January 25th & 26th 2025

Open to the public!

CQ, CQ, CQ... visitors welcome

Come watch amateur radio operators

- * Contact people around the world
- * Practice Emergency Comms
- * Review our Stations and Antennas
- * Learn How to Operate HF/VHF/UHF
- * Operate on HF/VHF/UHF Bands

Visitors are welcome to stop by, ask questions, and learn about the exciting hobby of amateur radio.

You may even have the opportunity to pick up a microphone and get on the air!

Tri-County Amateur Radio Club

VFW Post 2137
11875 Boyd Rd., Azle, TX
N 32.9445
W 97.5442

Setup Noon Fri. 01/24

WFD Operations

10:00 AM Sat. 01/25 ---
8:00 AM - 3:59 PM Sun. 01/26
2M VHF
70CM UHF
6M VHF
10M HF
15M HF
20M HF
40M HF
80M HF

Tear-Down 4:00 PM Sun. 01/26

More info at www.winterfieldday.org

Tri-County ARC
www.wc5c.org



Bob Ballard - KG5SQJ



Participants

Friday January 24 Setup (5)

Chris Fuselier (AI5LR)

Chad Boultinghouse (KI5OVO)

Paul Finch (WB5IDM)

Jeff Vian (KI7GJG)

Bob Ballard (KG5SQJ)



Participants

Saturday January 25 - Operators and Visitors

Operators (3)

Jeff Vian (KI7GJG)

Daryl Pate (KC5SLQ)

Bob Ballard (KG5SQJ)

Visitors (16)

Larry Pool (KF5ODM)

Dawn Rauch (KG6MJM)

Daniel Jeffery

Jessica Jeffrey

Noel Lee (KF5SLK)

Alfred Lee

Thomas Cison (W9TAC)

James Thomas

Lori Leech

David Anderson (KJ5FDH) – Wife Sarah Anderson visited and each of their children below talked briefly on the radio.

Matthew Anderson (age 15)

Mordecai Anderson (age 14)

Josiah Anderson (age 12)

Emmeline Anderson (age 9)

Eliza Anderson (age 6)

Bob Ballard – KG5SQJ



Participants

Sunday January 26 - Operators and Visitors

Operators (3)

Jeff Vian (KI7GJG)

Daryl Pate (KC5SLQ)

Bob Ballard (KG5SQJ)

Visitors (2)

Dawn Rauch (KG6MJM)

Mike Burns (KE5NCS)

Take Down (3)

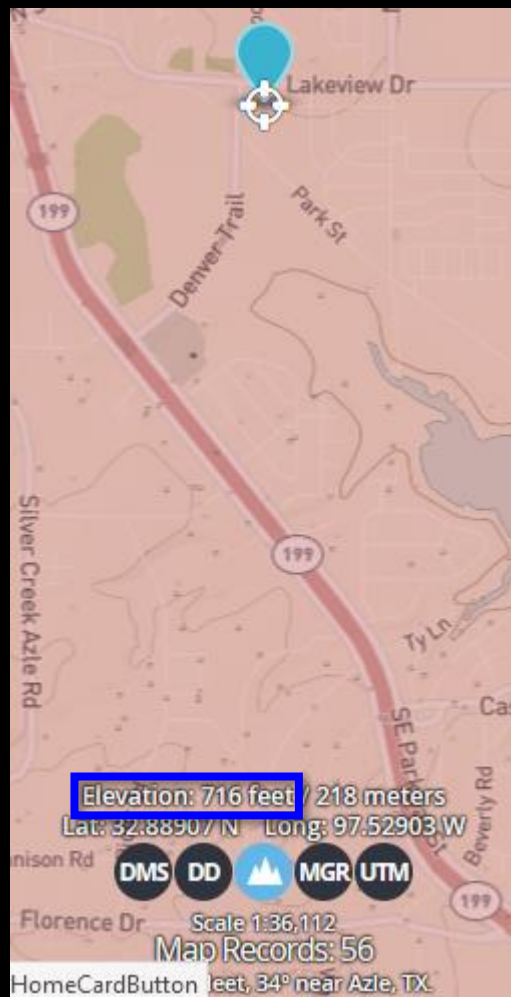
Jeff Vian (KI7GJG)

Daryl Pate (KC5SLQ)

Bob Ballard (KG5SQJ)



Mean Sea Level Difference Compared To The Fire Station



Fire Station
900 Lakeview Dr.



VFW Post 2137
11875 Boyd Rd

+ 25'



2025 Winter Field Day Setup and Antennas



My Homebrew 80M-10M OCFD HF Antenna

My Diamond X300 (10') VHF/UHF Antenna on homebrew 25' Mast

Radio Room and Table Just Outside It

Club's 80M-10M Dipole Antenna & Mast and later, Jeff's 80M-10M OCFD

11875 Boyd Rd VFW Bldg.

— Elevated Power Lines

Radio Room

- 1 Kenwood TS-690 SAT 100W HF Rado
 - 1 Kenwood TS-590 SAT 100W HF Radio
 - 1 Kenwood TM-V71A 50W 2M/70CM Radio
- (each HF Radio had Heil Headphones w/Mic. and audio jumpers with extra headphones for visitors to listen to the radio)

Low Band Systems Quadplexer with Band Pass Filters for 10M, 15M, 20M and 40M plus an 80M BPF and a VA6AM BPF for 6M.

A 100aH LiFePO4 Battery for each radio.

Laptop with 27" Monitor running N3FJP logging software - TS-690 SAT - Daryl

Mini-PC with 24" Monitor running N3FJP logging software - TS-590 SAT - Bob
(Paper Logsheets for the TM-V71A)

Table Just Outside The Radio Room

- Jeff's Yaesu FT-991A 100W HF - Jeff
- Club's Yaesu FT-710 100W HF Go-Box - Jeff

Bob's VA6AM Triplexer w/Club's Band Pass Filters for 10M, 15M, 20M, 40M and 80M.

Jeff's 100aH LiFePO4 Battery
Jeff's ???aH SLA Battery

Jeff's Laptop/Monitor w/N3FJP logging software & Club Monitor on the FT-710.



Winter Field Day Photos



Photo Credit – Daryl Pate (KC5SLQ)



Club's Mast w/Jeff's OCFD Antenna

Bob Ballard – KG5SQJ



Winter Field Day Photos



Club's 80M
Band Pass
Filter

VA6AM Triplexer and the Club's 10M and
40M Band Pass Filters

Photo Credit – Daryl Pate (KC5SLQ)



Bob
KG5SQJ

Bob Ballard – KG5SQJ



Winter Field Day Photos

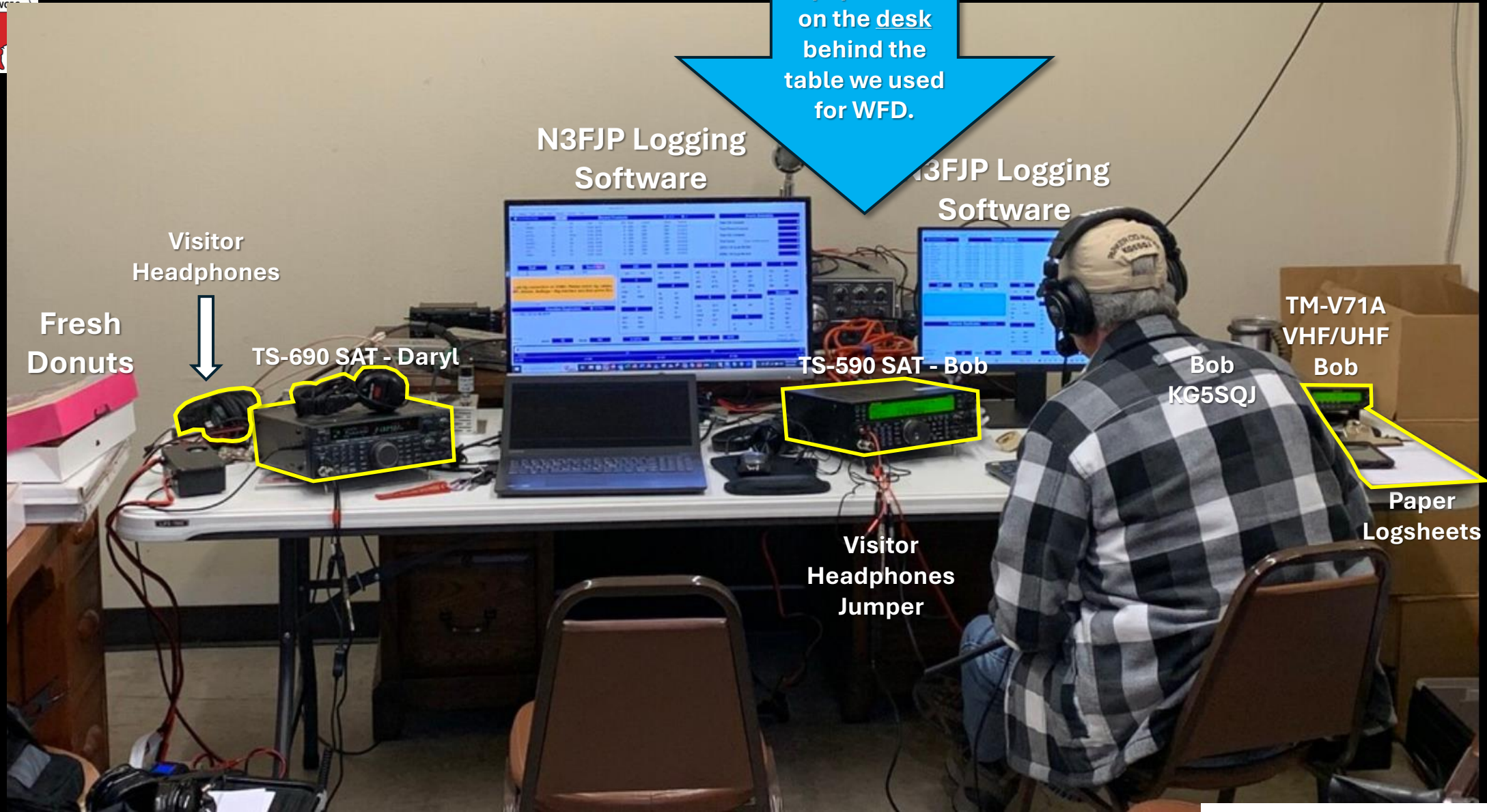




Radio Room Set Up – 2 HF Rad

VFW's Ham Radio Equipment is on the desk behind the table we used for WFD.

VHF/UHF Radio



N3FJP Logging Software

N3FJP Logging Software

Visitor Headphones

Fresh Donuts

TS-690 SAT - Daryl

TS-590 SAT - Bob

Bob KG5SQJ

TM-V71A VHF/UHF Bob

Paper Logsheets

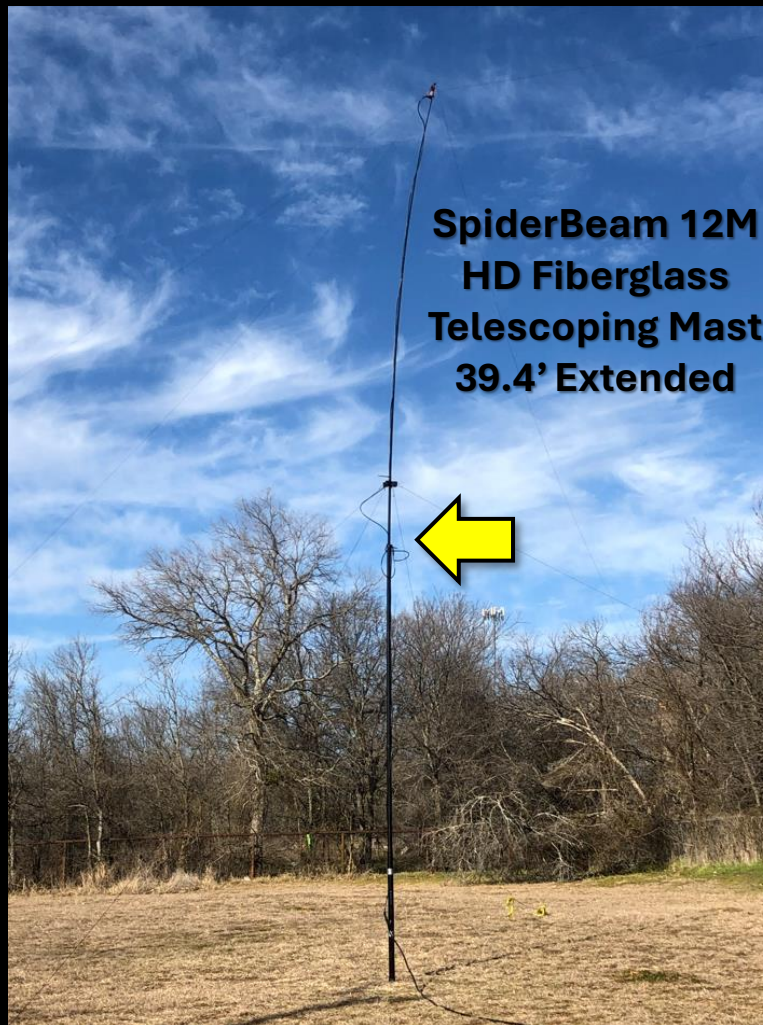
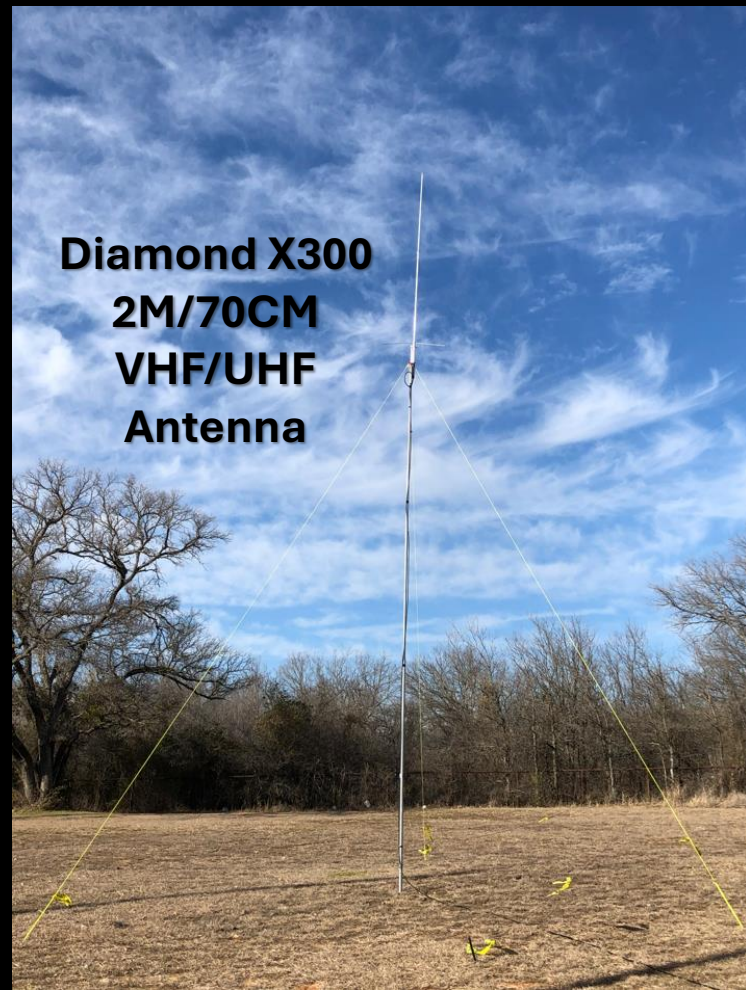
Visitor Headphones Jumper

Photo Credit – Daryl Pate (KC5SLQ)

Bob Ballard – KG5SQJ



Winter Field Day Photos



**Diamond X300
2M/70CM
VHF/UHF
Antenna**

← Normal Mast Height = $39.4' - 10' = 29.4'$

**Homebrew
OCFD 80M-10M
HF Antenna
(Antenna's wires are
enhanced for clarity)**



WC5C WFD Statistics

Total Contacts = 423

Total Points = 423

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%	Operator	Total	%
----	--	-----	---	-----	---	-----	-----	---
80	0	1	0	1	0	KG5SQJ	355	84
40	0	9	0	9	2	KI7GJG	46	11
20	0	232	0	232	55	KC5SLQ	22	5
15	0	32	0	32	8			
10	0	142	0	142	34			
2	0	5	0	5	1	Total = 3		
70	0	2	0	2	0			
	--	-----	---	-----	---			
Total	0	423	0	423	100			

Bob Ballard - KG5SQJ



WC5C WFD Statistics

WFD Score Objective Multipliers:

- 100% Alternate Power (Batteries) +1**
- Operate away from Home +3**
- Set up Multiple Antennas +1**
- Make one FM Satellite Contact +2 (thanks *again* Daryl (KC5SLQ))!**
- Operate on at least six Bands +6**
- Operate for a continuous 6 Hrs. +2**

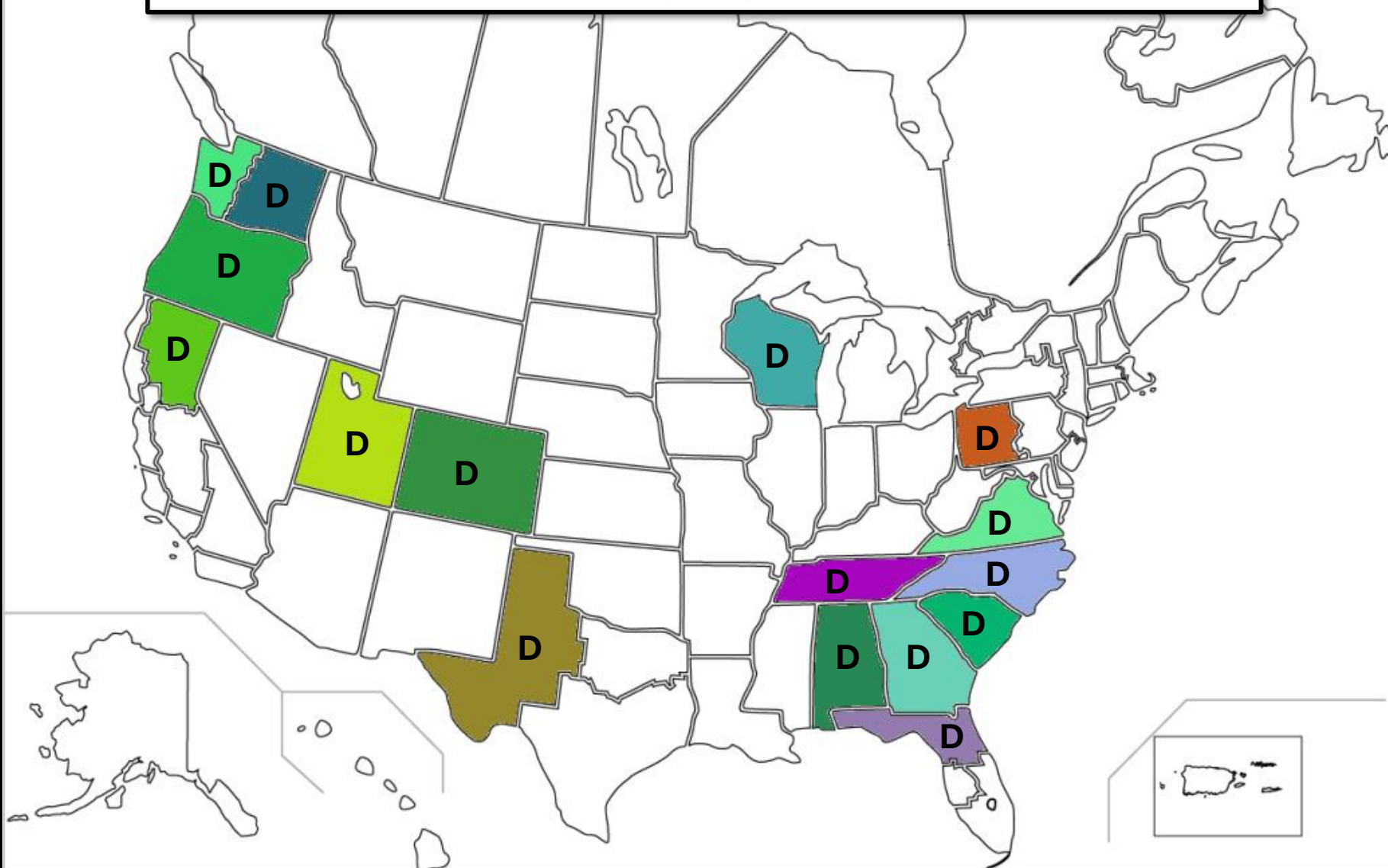
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+15

15 x 423 = 6,345 Preliminary Winter Field Day Points. Our Final WFD Score will be that minus any “Busted Exchanges” where one Operator or the other made a mistake logging the Exchange information.



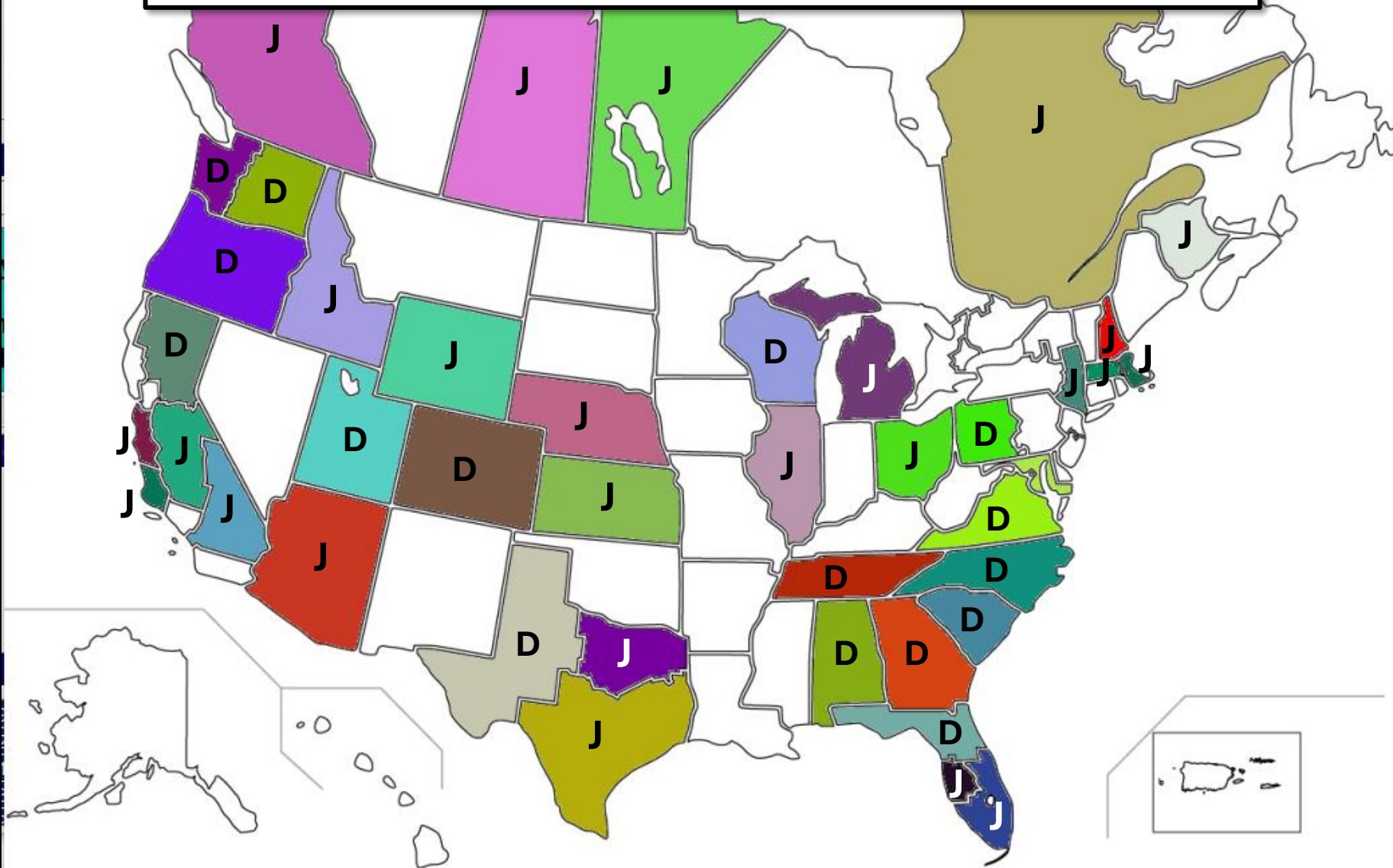
Daryl's (KC5SLQ) Section Map (16)





+ Jeff's (KI7GJG) Section Map (25)

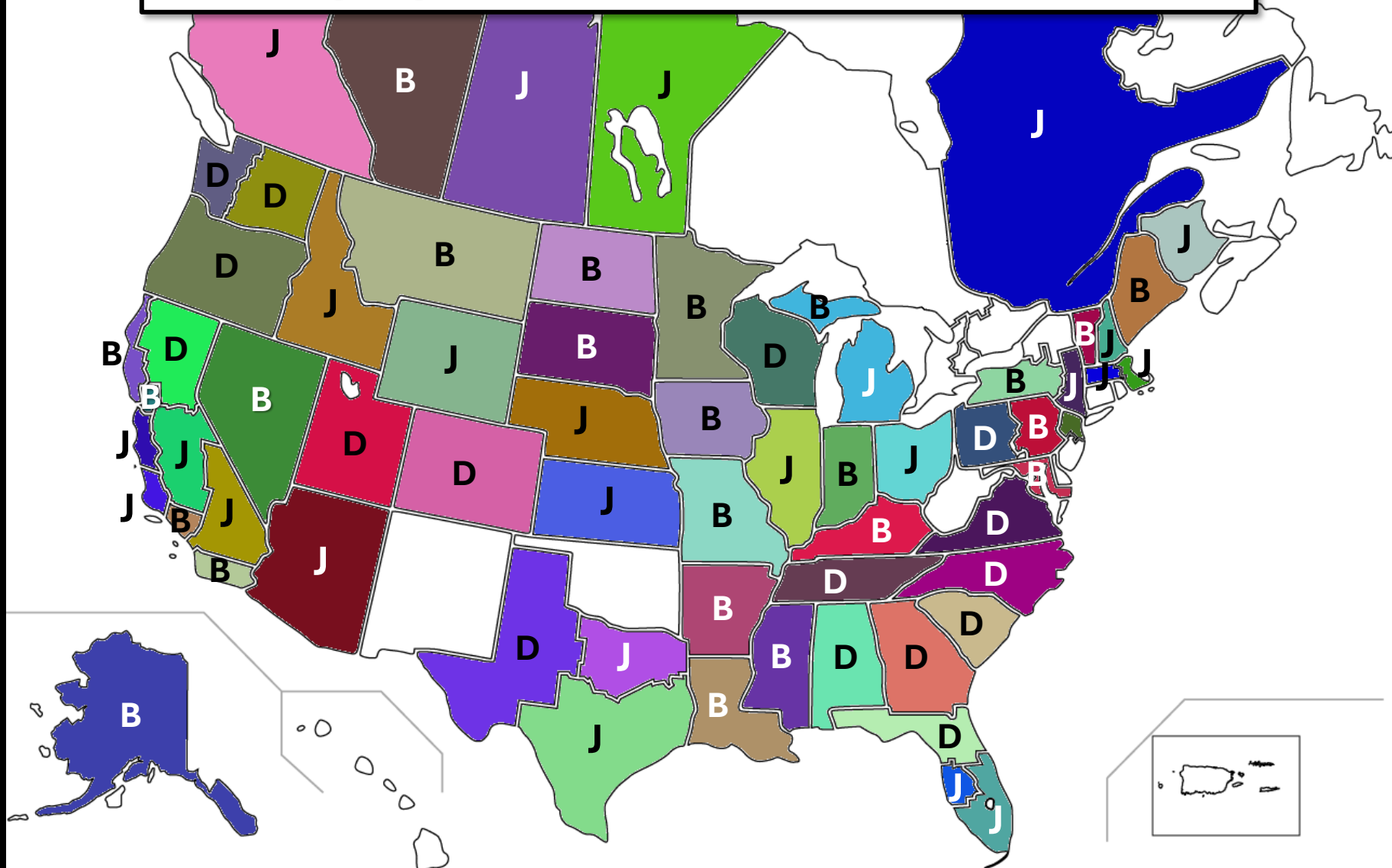
Daryl's 16 + (25) = 41





+ Bob's (KG5SQJ) Section Map (24)

41 + (24) = 65 of ARRL's 87 Sections

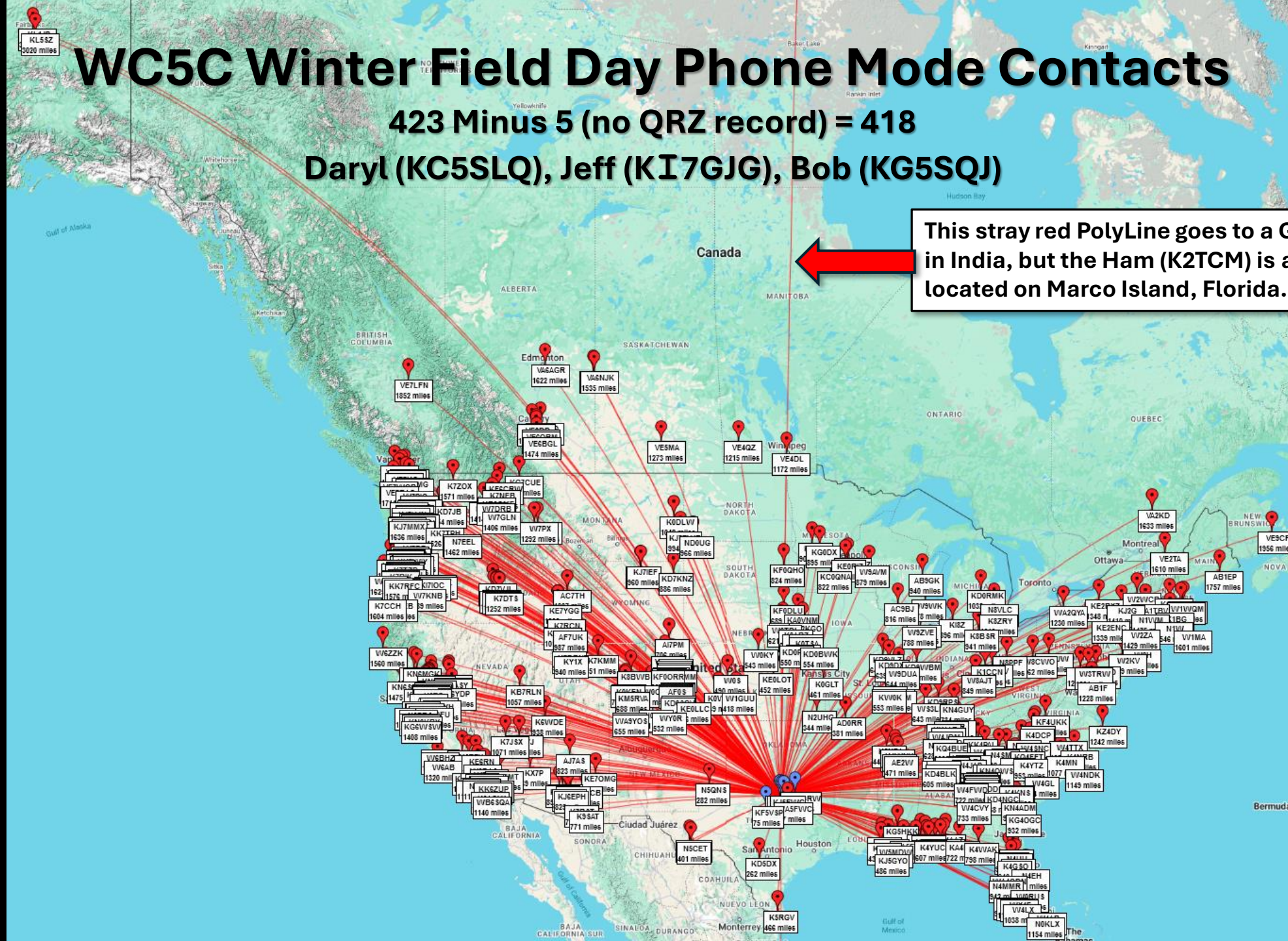




WC5C Winter Field Day Phone Mode Contacts

423 Minus 5 (no QRZ record) = 418

Daryl (KC5SLQ), Jeff (KI7GJG), Bob (KG5SQJ)



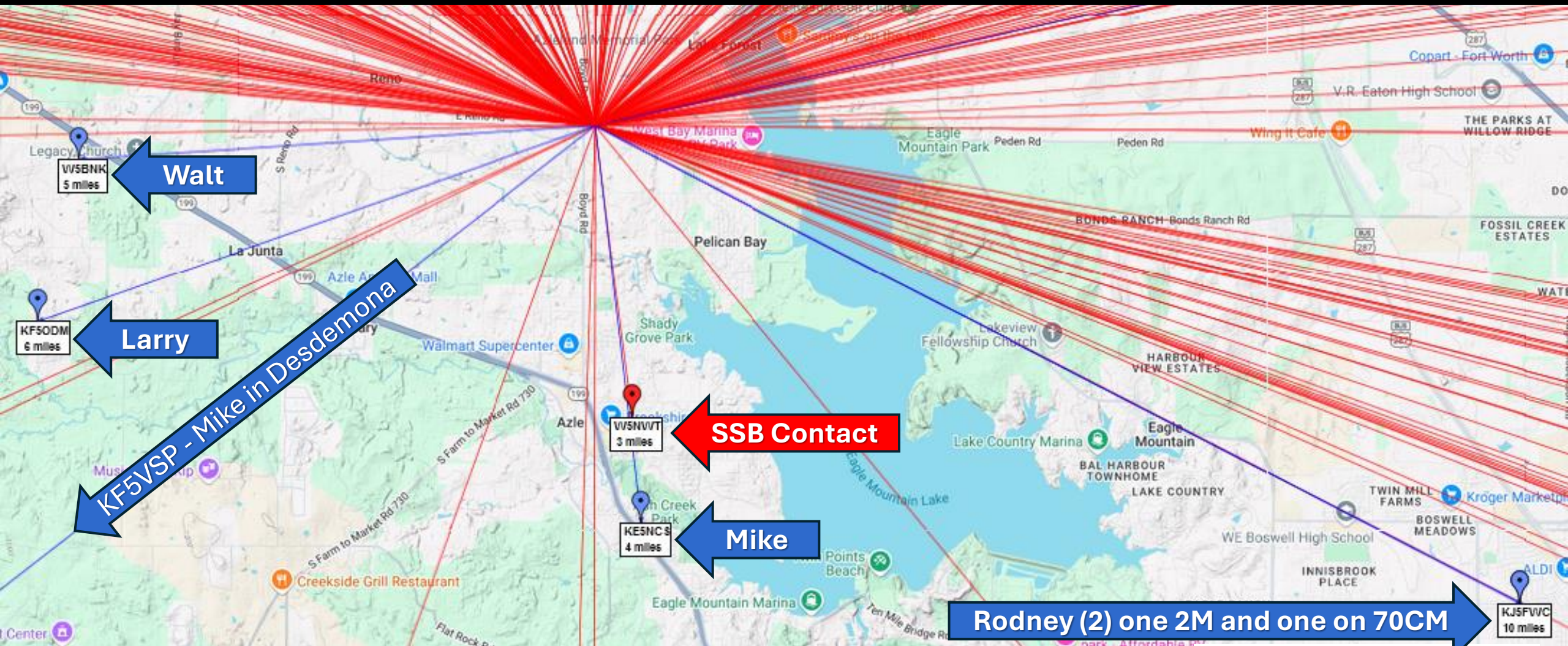
This stray red PolyLine goes to a Grid Square in India, but the Ham (K2TCM) is actually located on Marco Island, Florida.

- KG5SQJ



2M/70CM (6)

Bob KG5SQJ

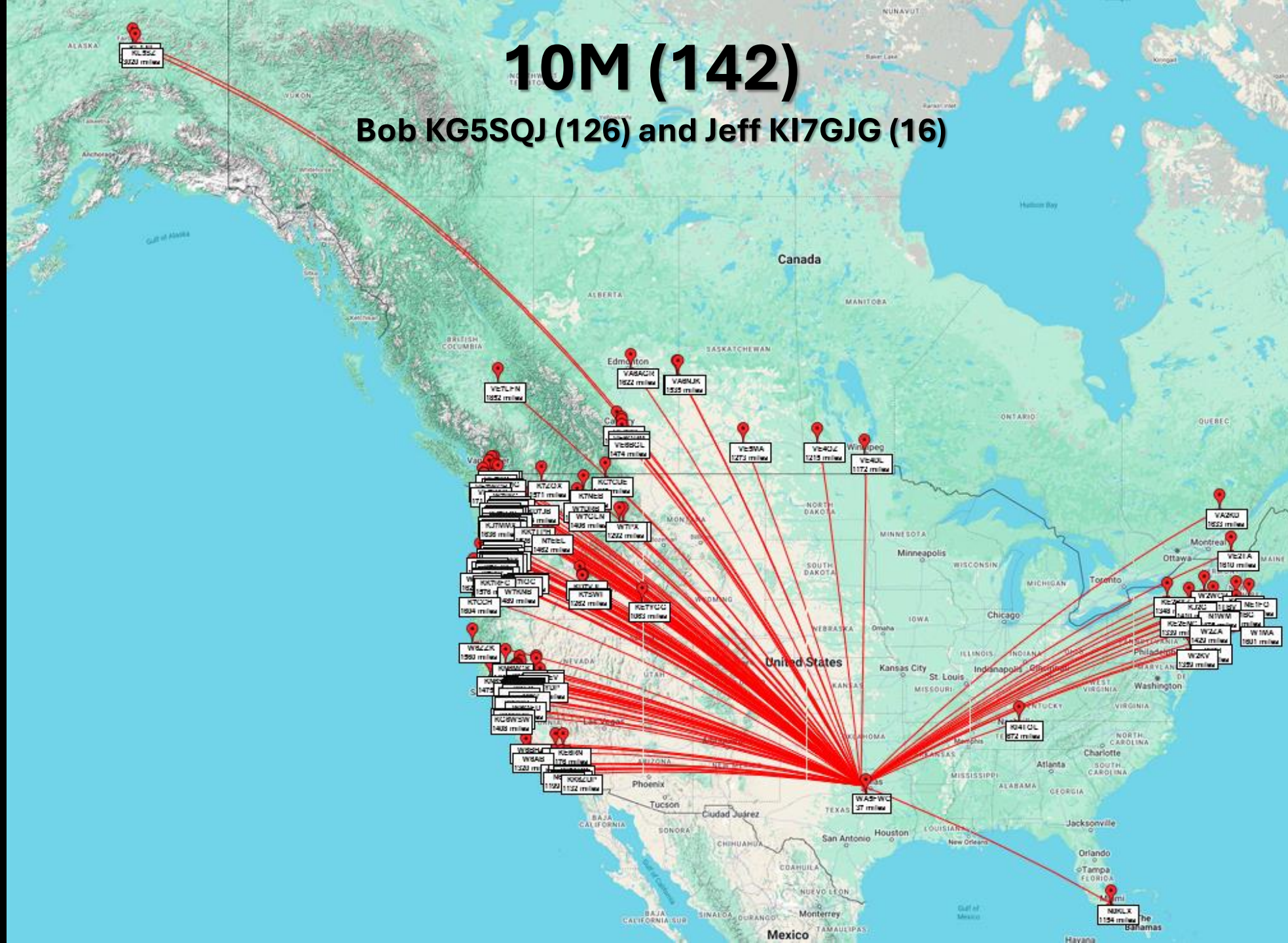


Bob Ballard - KG5SQJ



10M (142)

Bob KG5SQJ (126) and Jeff KI7GJG (16)

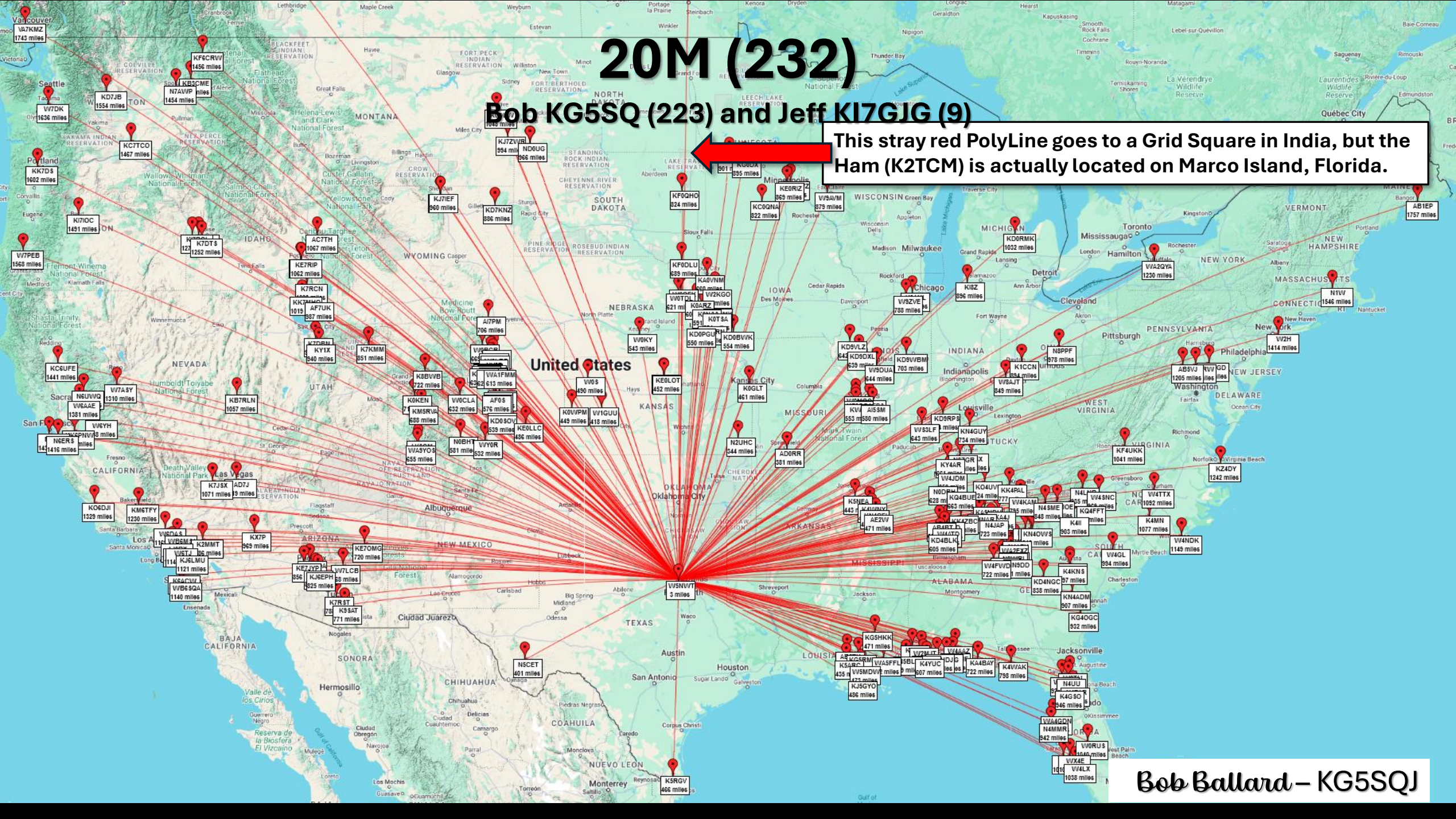


— KG5SQJ

20M (232)

Bob KG5SQ (223) and Jeff KI7GJG (9)

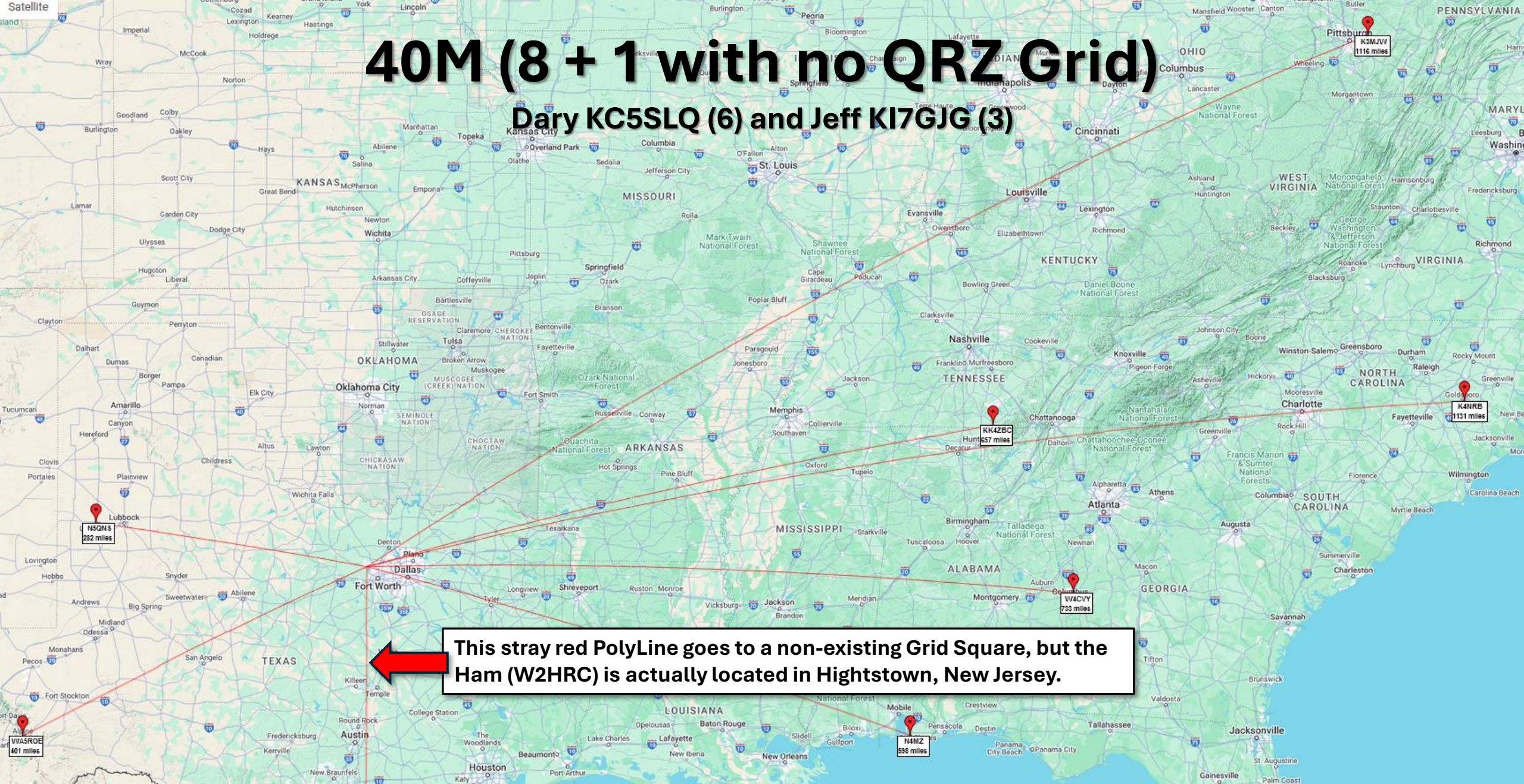
This stray red PolyLine goes to a Grid Square in India, but the Ham (K2TCM) is actually located on Marco Island, Florida.



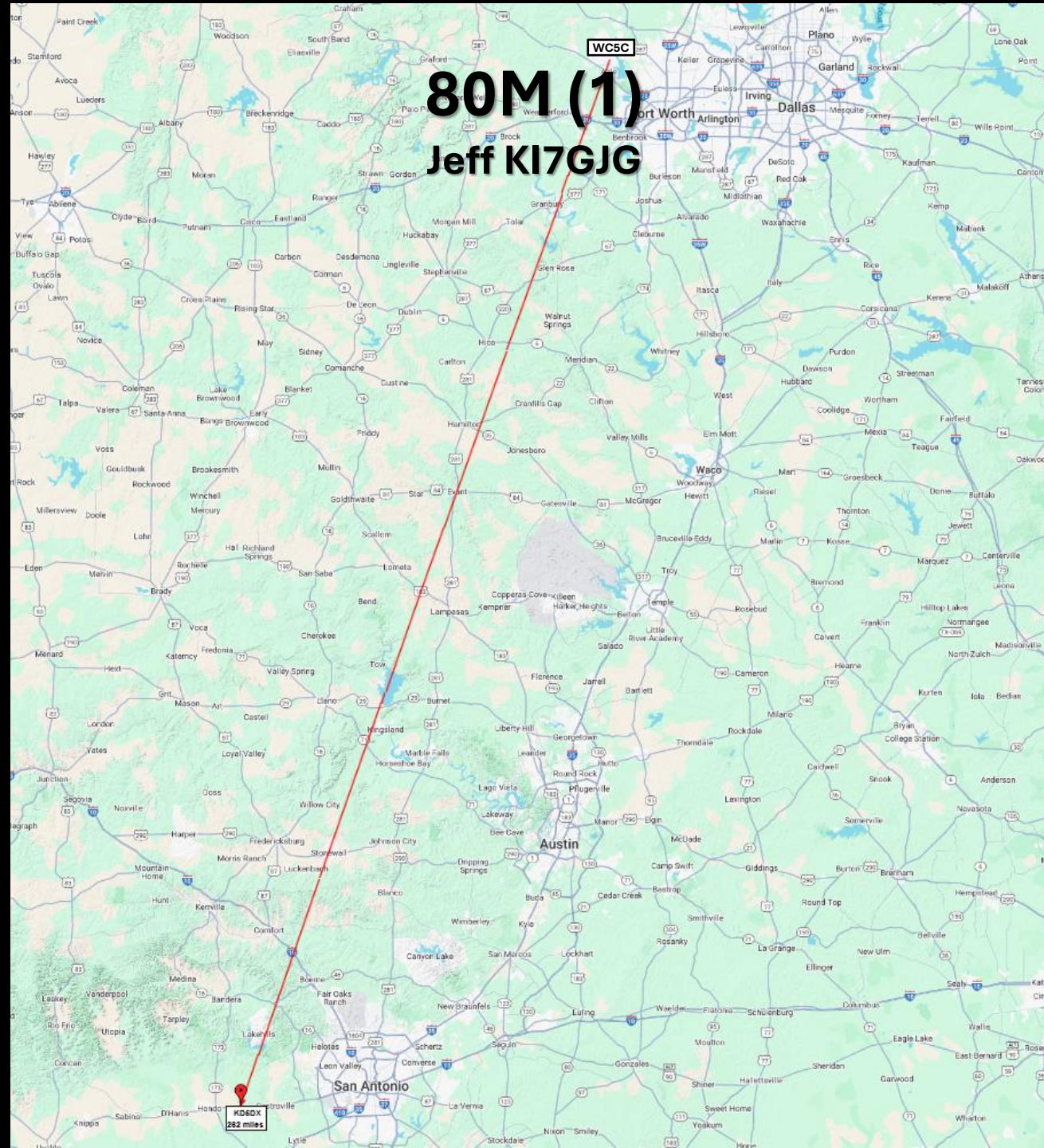
Bob Ballard - KG5SQJ

40M (8 + 1 with no QRZ Grid)

Dary KC5SLQ (6) and Jeff KI7GJG (3)



This stray red PolyLine goes to a non-existing Grid Square, but the Ham (W2HRC) is actually located in Hightstown, New Jersey.



Bob Ballard – KG5SQJ



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Questions?