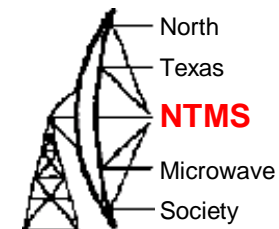


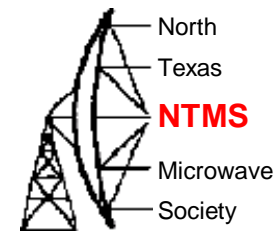
KM5PO 2022 10 GHz and Up Rove

2022 Rovers

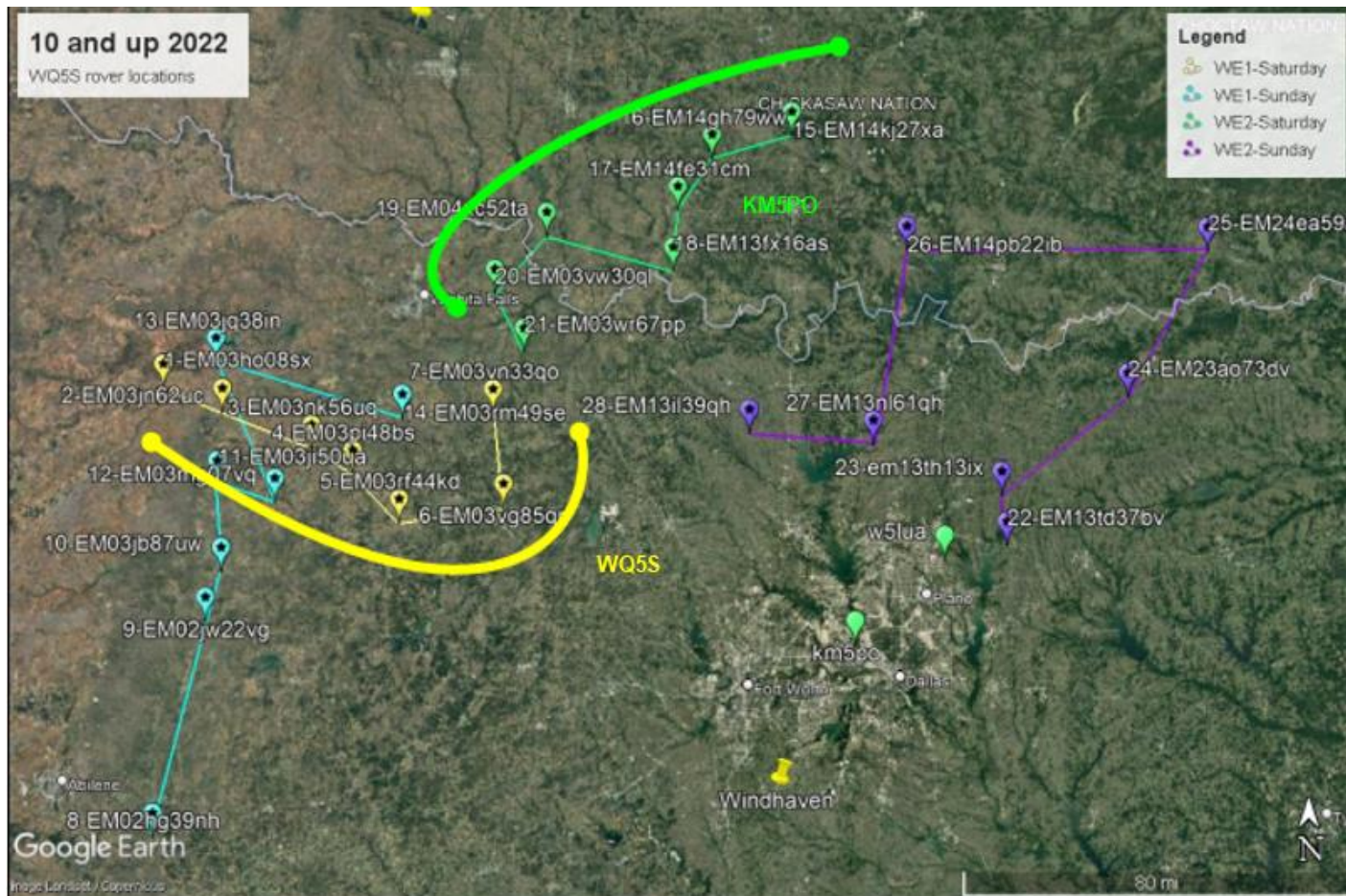


- We will use Brad's (WQ5S) locations.
 - These are vetted very good locations.
- Coordination will primarily be on NTMS Slack
- Cell phone (please text) KM5PO Jim 817-897-6476
- We will be set up at first location at 6 am CT
- KM5PO and KI5EMN are traveling together
 - Expect double activation at some locations (TBD)

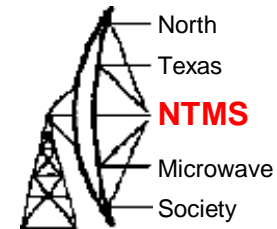
2022 Rovers



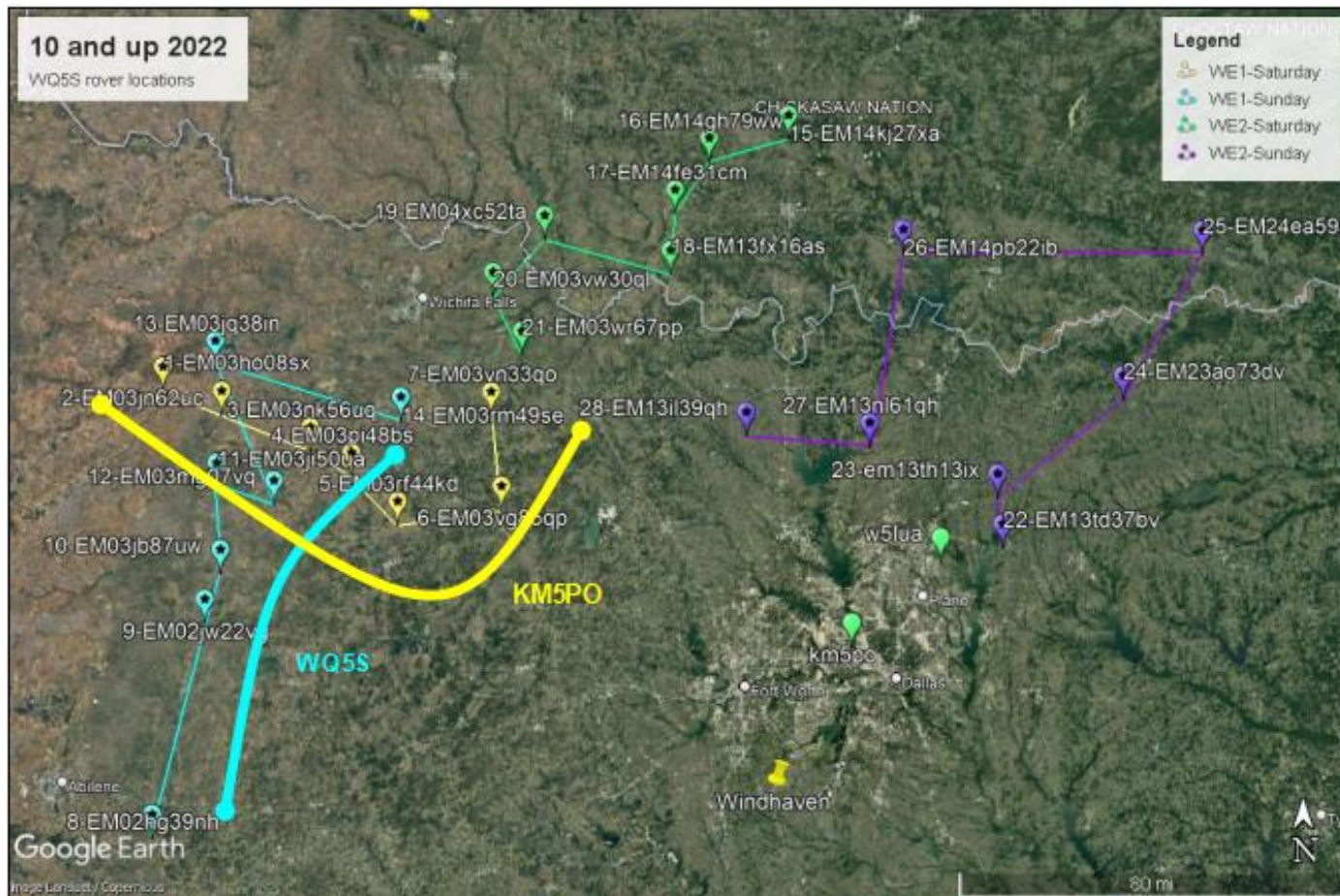
- Weekend 1 – Saturday. KM5PO start near Henrietta and end at Turner Falls



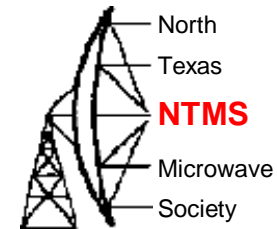
2022 Rovers



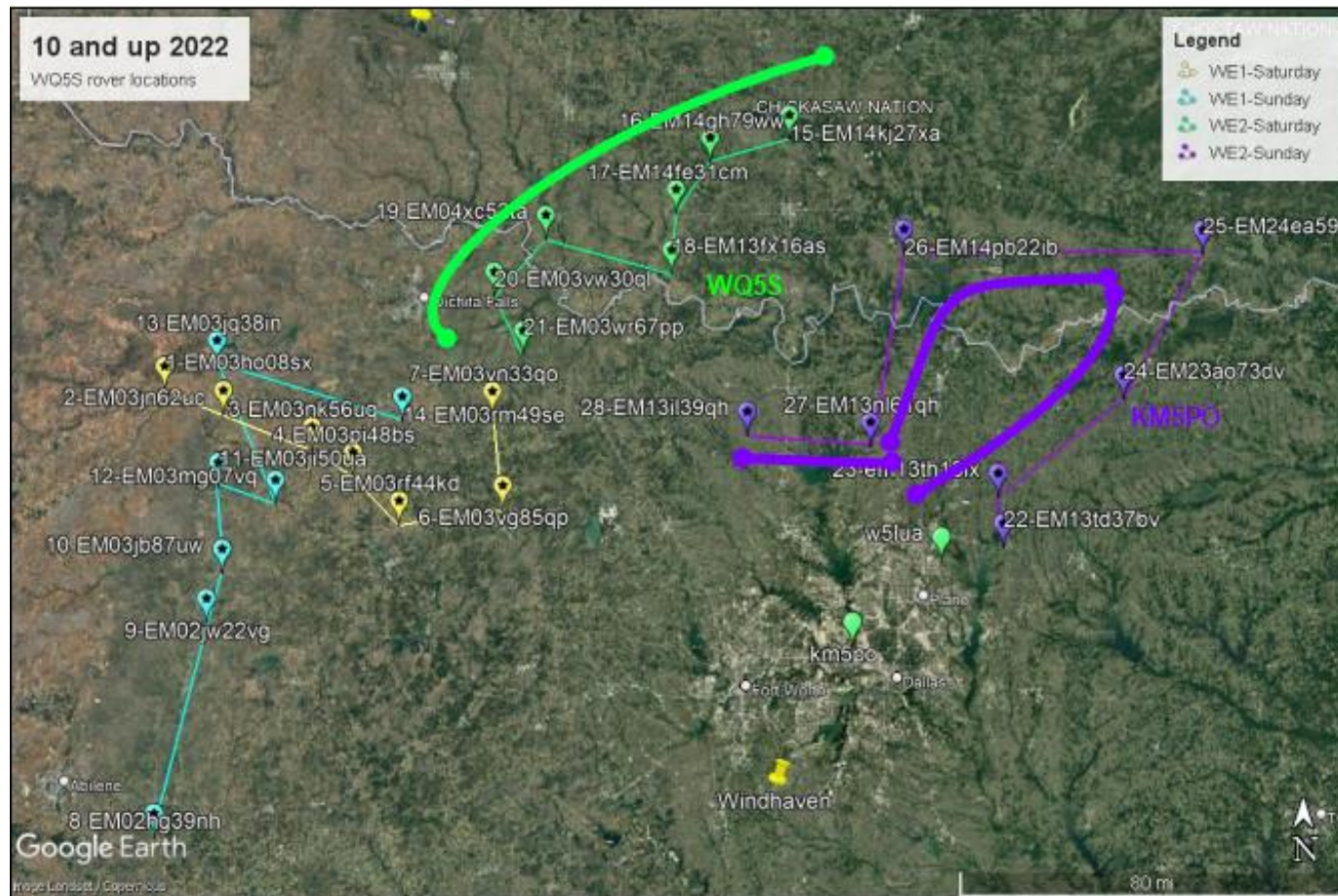
- Weekend 1 – Sunday. KM5PO start near Red Springs EM03 run east



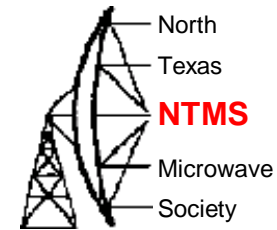
2022 Rovers



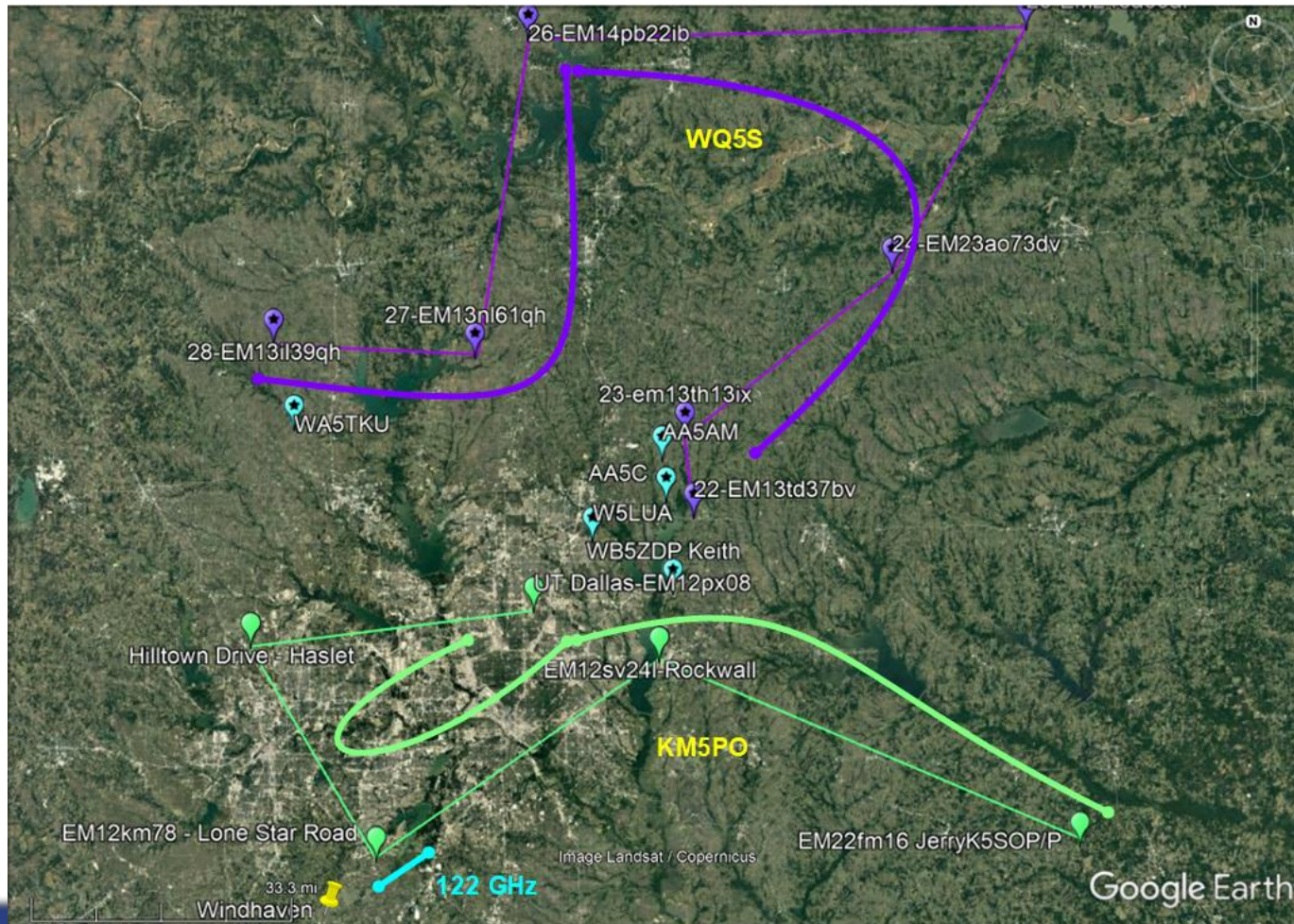
- Weekend 2 – Saturday. KM5PO start in EM13 and run violet route CCW



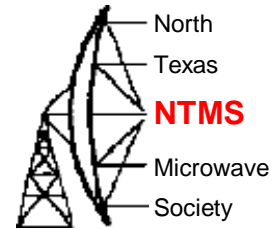
2022 Rovers



- Weekend 2 – Sunday. KM5PO start in EM22 and work into DFW

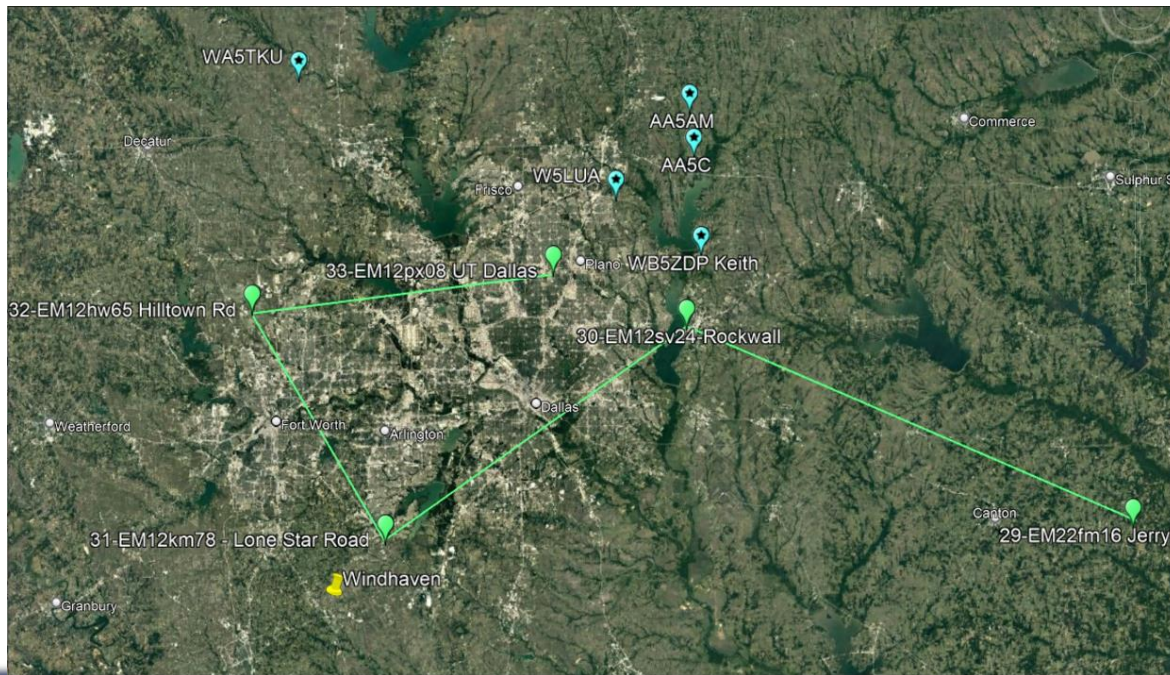


Location info

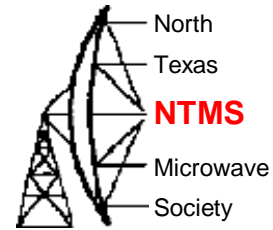


- Weekend 2 – Sunday for KM5PO/KI5EMN.

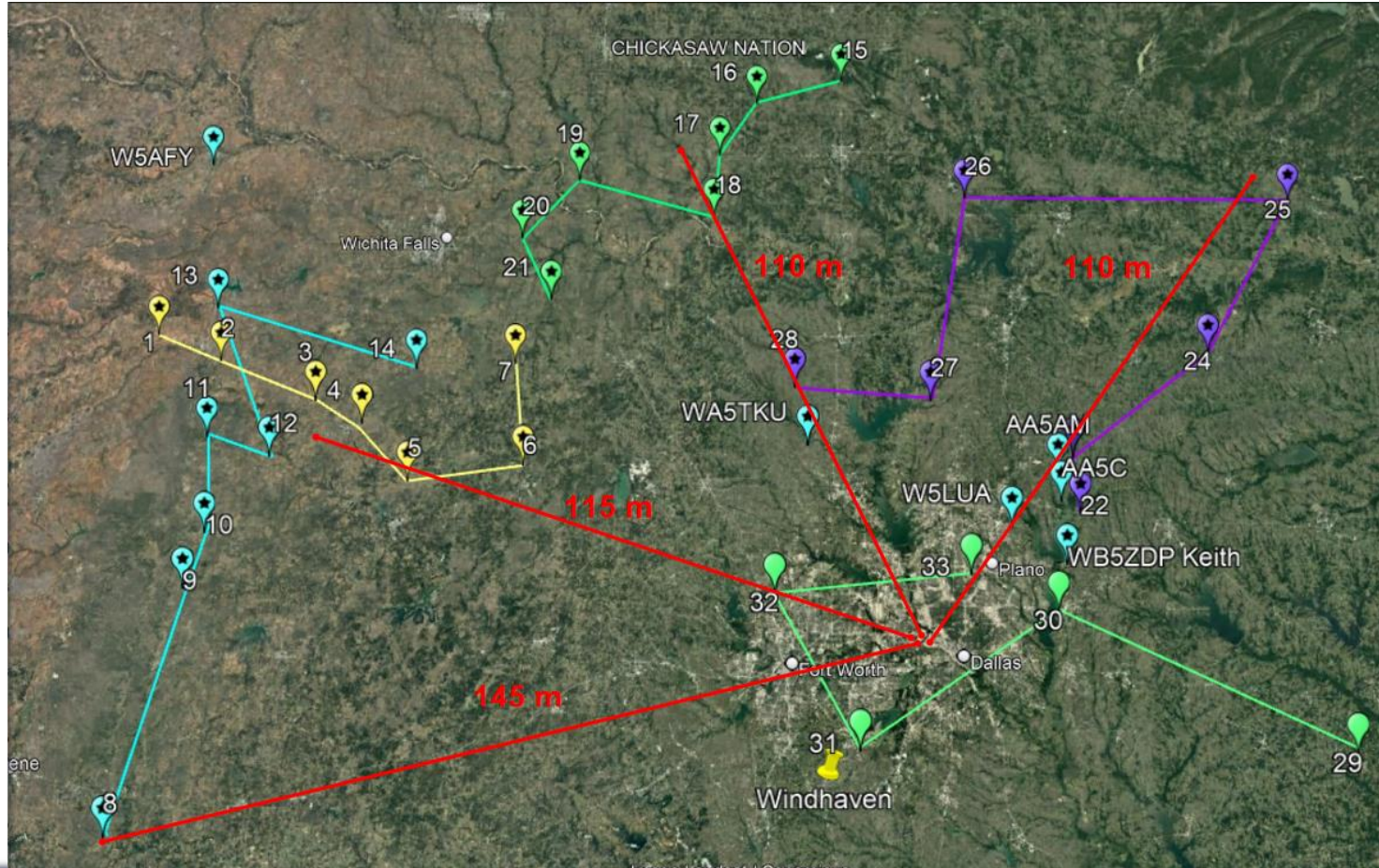
Site		W5LUA			AA5C			AA5AM			WA5TKU			W5AFY			WB5ZDP			
		EM13qc68	EM13se55	EM13sg53	EM13ii80	EM04id40	EM13sa64	Alt	DX (km)	DX AZ	AZ	DX (km)	DX AZ	AZ	DX (km)	DX AZ	AZ	DX (km)	DX AZ	AZ
Sunday 09/18/2022																				
EM22fm16	K5SOP/P Jerrys location near Hideaway TX	585	120	123	303	113	131	311	119	135	315	188	120	300	392	118	298	102	123	303
EM12sv24	Rockwall TX	562	28	146	326	32	180	0	42	180	0	93	124	304	297	119	299	14	180	0
EM12km78	Lone Star Rd – Mansfield TX	667	80	216	36	97	220	40	104	217	37	94	171	351	270	133	313	84	228	48
EM12hw65	Milltown Dr – Haslet TX	796	72	255	75	90	252	72	93	246	66	47	189	9	223	128	308	86	264	84
EM12px08	UT Dallas	704	16	209	29	33	225	45	40	216	36	68	128	308	272	119	299	24	259	79



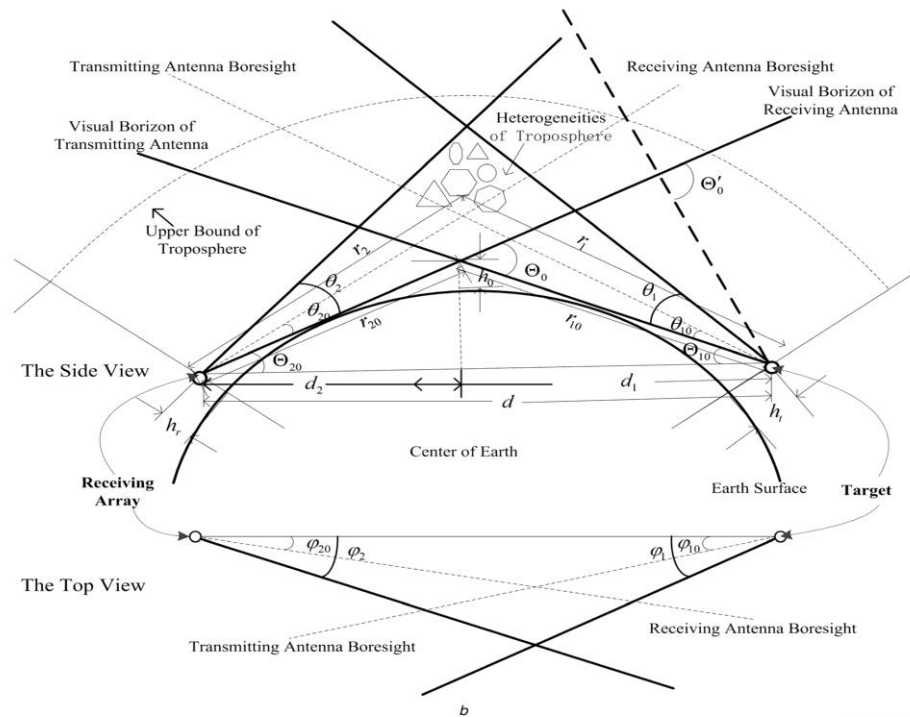
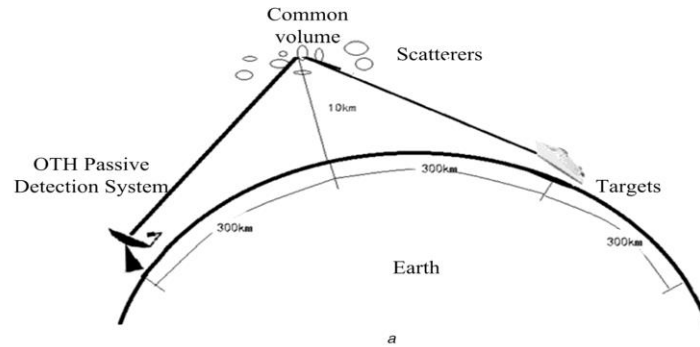
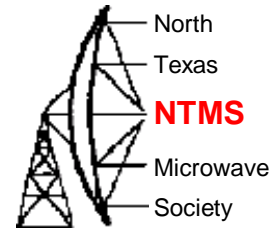
Distance scale



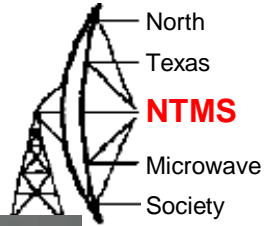
- Magnitude of distances



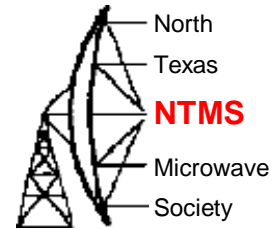
Common volume!



The Gear

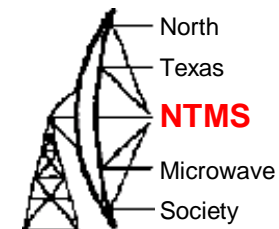


KM5PO Rover



- 24" offset dish with homebrew 10/24 GHz feed.
- 10 GHz
 - DB6NT transverter, DB6NT 10 watt amp
 - W5LUA Preamp
 - RADIALL SMA T/R relay
 - GPS locked
- 24 GHz
 - DB6NT transverter, 3 watts output
 - DB6NT LO, DB6NT LNA
 - H.P. 33311 Coax switch
 - GPS locked
- Shared FT-290 IF

KI5EMN Rover



- 60cm prime focus dish with 5/10 GHz dual band feed.
- 10 GHz
 - DEMI transverter, built in LNA, 3 watts output
 - RADIALL SMA T/R relay
 - TCXO 10 MHz Reference (Runs continuously during the rove)
 - IC-260A IF rig

Questions?

