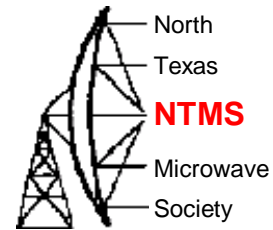


KM5PO-KI5EMN 2022 10 GHz and Up Rove

1st contest weekend report
and 2nd contest weekend plan
Sept. 17 & 18

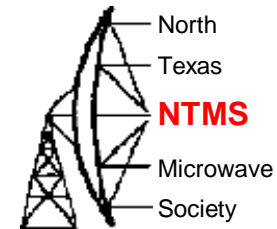
First weekend



- Saturday started out near Henrietta EM03wr at a truck rest stop



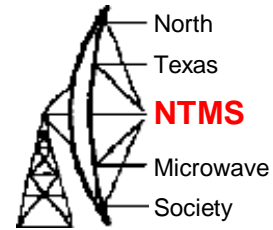
First weekend



- Activating EM03vw/EM04xc/EM13fx/EM14fe – got BBQ in Ringling, OK



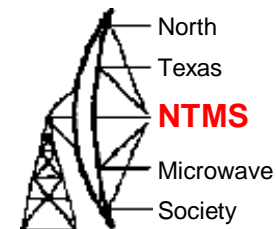
First weekend



- At EM14gh near Graham TX we heard all callers on RS and had a storm on us.
- Moving on to the last stop near Turner Falls, thunderstorms shut us down.



First weekend



- On Sunday we found ourselves (in Ardmore OK) under a large rain system.
- We rode south in heavy downpours across the Red River seeking the first location we could activate which turned out to be EM13il near Era TX.
- We quickly set up and felt raindrops but managed to work all stations on frequency via RS.
- We packed up with rain falling and wrapped up exposed dish/radio equipment with a tarp and gently moved down the road eastward.

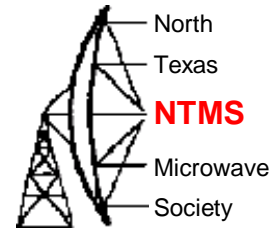


Sunday 8/21 -
6 am Radar



At EM13il working WQ5S Brad in
EM02hq – 214km

First weekend



- Surfing the storm front.

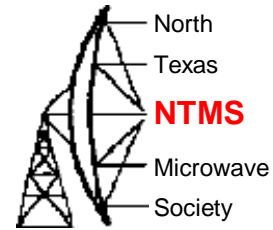


Sunday 8/21 -10:30 am Radar
We are driving east along the front but
locations in EM13 are rained out.



Sunday 8/21 -2:30 pm Radar
Successful activations at Blue Ridge
High School EM13th and Farmersville
EM13td

First weekend



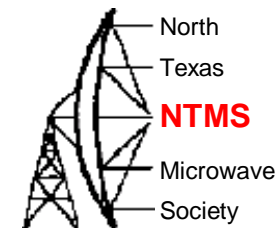
Blue Ridge High School EM13th

Farmersville EM13th



Sunday 8/21 – in Farmersville - Paul working Brad WQ5S in EM03jh

First weekend



On the way to our final stop in EM12mq we got caught in a downpour for about 60 seconds before we could secure the exposed equipment in the truck bed.

This led to about 30 minutes of drying out equipment and testing connections.

Discovered later was an accumulation of moisture in the 24 GHz sma-to-waveguide transition.

The final stop at EM12mq50 was successful with rainscatter contacts and we heard W5LUA on 24 GHz RS but could not make it 2 way. Rain caused us to pack up and end the day.

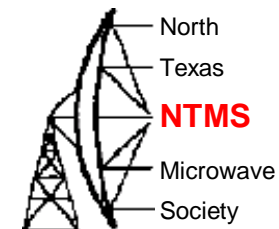
Scores:

KI5EMN: 7082 points

KM5PO: 7015 points

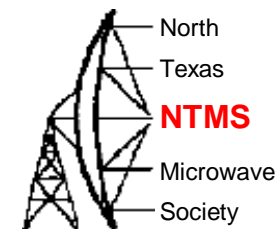


The Plan for weekend #2



- We will use Brad's (WQ5S) locations on Saturday and part of Sunday.
 - These are vetted very good locations with proven success in the past.
- Coordination will be on NTMS Slack
- Cell phone anytime (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 (double activations)
- Improvements since weekend 1:
 - KI5EMN IF rig replaced with FT-290 (now he can read the frequency!)
 - KM5PO IF rig replace with KX3-PX3 – rain shields installed

Location info

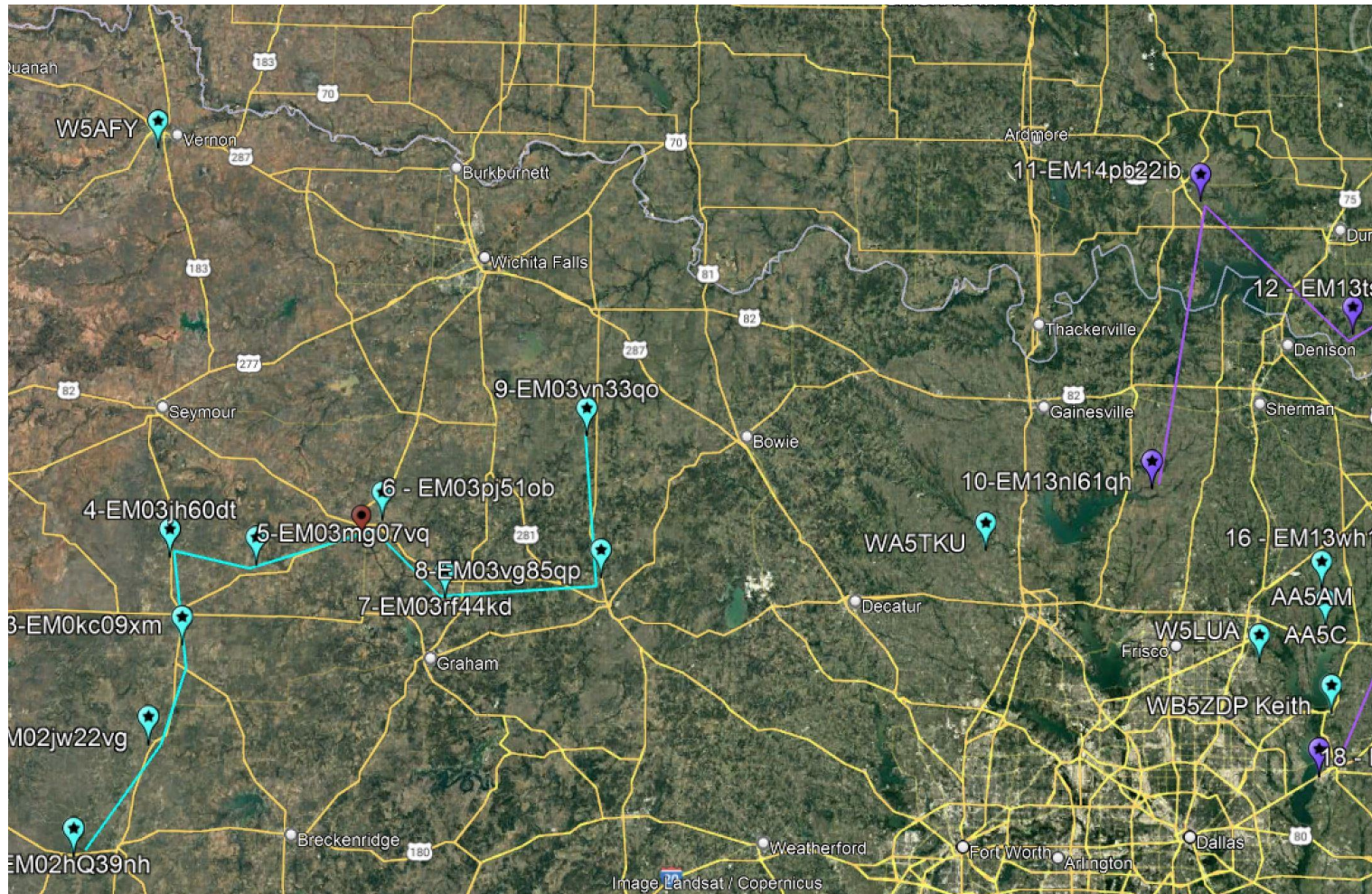
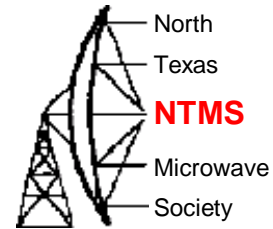


- Weekend 2 – some data corrected 9/10/22

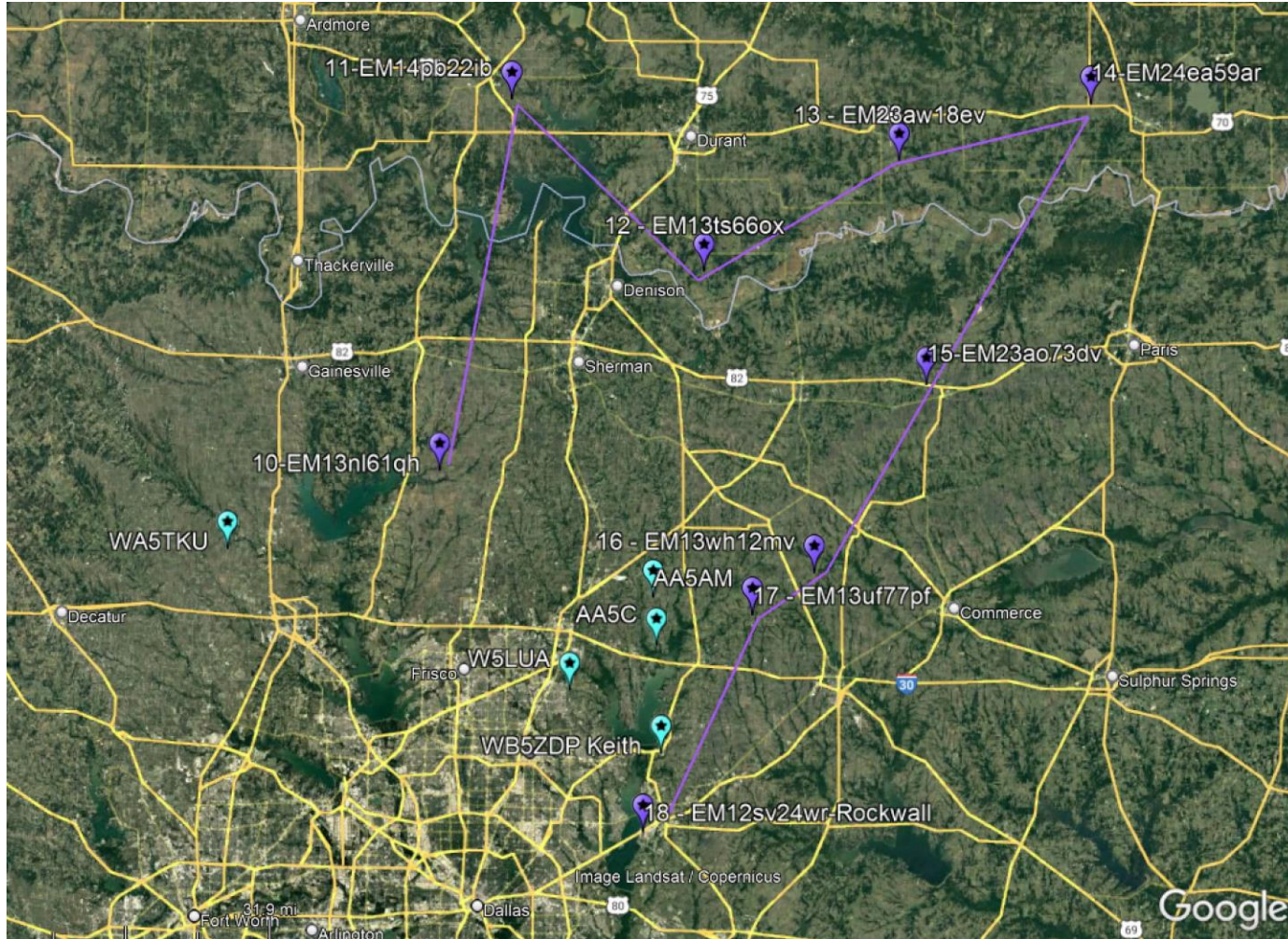
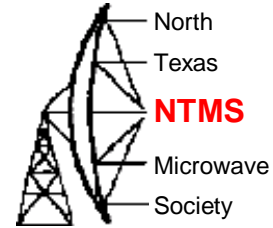
Site		W5LUA				AA5C			AA5AM			WASTKU			W5AFY			WB5ZDP			
		Alt	DX	DX AZ	AZ	DX	DX AZ	AZ	DX	DX AZ	AZ	DX	DX AZ	AZ	DX	DX AZ	AZ	DX	DX AZ	AZ	
Saturday 09/17/2022																					
1	EM02hq39nh	Albany, TX W 5 mi on 180 picnic area	1820	263	261	81	280	260	80	280	258	78	210	251	71	159	183	3	278	264	84
2	EM02jw22vg	Ft Griffith Albany, TX N ~10 m on 283	1305	245	266	86	261	264	84	261	263	83	189	257	77	134	177	357	260	269	89
3	EM03kc09xm	Throckmorton, TX S 5 m X-Hwy 283 & CR 923	1411	236	271	91	251	269	89	252	267	87	176	262	82	115	174	354	252	273	83
4	EM03jh60dt	Throckmorton, TX N 10 m X Hwy 283 & CR130	1398	241	276	96	255	274	94	255	271	91	178	268	88	95	175	355	257	278	98
5	EM03mg07vq	Elbert, TX N 1 m on 440	1180	222	275	95	237	273	93	236	271	91	161	268	88	98	163	343	239	278	98
6	EM03pj51ob	Olney, TX E 2 m on 114	1211	197	279	99	210	276	96	209	274	94	134	272	92	100	146	326	214	281	101
7	EM03rf44kd	Loving, TX SW few m off 16 on RedTop Cem Rd	1229	180	274	94	195	271	91	195	269	89	120	264	85	122	145	326	198	277	97
8	EM03vg85qp	Jacksboro, TX N ~4 mi on 148	985	147	277	97	161	274	94	160	271	91	85	265	85	140	132	312	165	280	100
9	EM03vn33qo	Joy, TX S ~1 m X of Hwy 148 & 174	1101	157	288	109	169	284	104	167	282	102	92	286	106	118	122	302	175	290	110
Sunday 09/18/2022																					
10	EM13nl61qh	Tioga (377) E 3 mi on 121	691	45	329	149	49	309	129	44	301	121	40	69	249	237	107	287	63	322	142
11	EM14pb22ib	Between Madill/Kingston	794	104	354	174	99	345	165	91	344	164	93	32	212	236	91	271	118	347	167
12	EM13ts66ox	Kemp, OK NW .5 mi Peanut Trail Rd	651	77	18	198	66	7	187	58	8	188	97	60	240	273	99	279	85	5	185
13	EM23aw18ev	Bennington, OK SE 2 mi E2110 Jackson Cem	632	109	32	212	96	27	207	88	29	209	137	60	240	306	95	275	112	22	202
14	EM24ea59ar	Between Soper/Hugo, OK X-Hwy 271 & 70	559	138	42	222	121	39	219	116	42	222	170	62	242	339	91	271	137	33	213
15	EM23ao73dv	Honey Grove, TX W off Hwy 82 – loud here	683	83	50	230	66	46	226	61	52	232	126	76	256	315	102	281	80	36	219
16	EM13wh12mv	Celeste, TX E 1.5 m X of CR1027 & CR1019	700	48	64	244	31	66	246	29	81	261	103	92	272	302	108	288	42	41	221
17	EM13uf77pf	Merit, TX NNE 2 m near X of CR 1101 & CR 110	723	35	67	247	18	72	252	18	99	279	93	97	277	297	110	290	30	33	213
18	EM12sv24wr	Rockwall, TX	562	28	146	326	32	180	0	42	180	0	93	124	304	297	119	299	14	180	0

Saturday 9-17-22

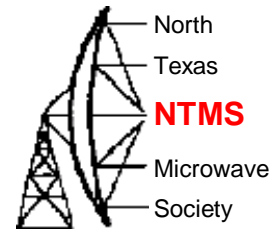
Light blue colored route



Sunday 9-18-22

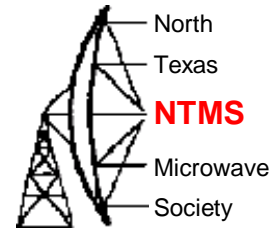


KI5EMN Rover



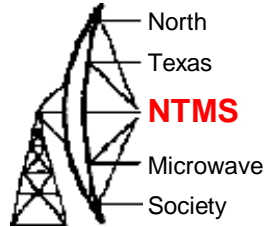
- 60cm prime focus dish with 5/10 GHz dual band feed.
- 10 GHz
 - DEMI transverter, built in LNA, 3 watts output
 - RADIALL SMA T/R relay
 - GPS 10 MHz Reference
 - DEMI sequencer & homebrew control box
 - Yaesu FT-290 IF
 - LiFePO4 24 Ah 12 volt battery

KM5PO Rover



- 24" offset dish with homebrew 10/24 GHz feed.
- 10 GHz
 - DB6NT transverter, DB6NT 12 watt amp
 - W5LUA Preamp
 - RADIALL SMA T/R relay
 - 10 MHz OCXO continuously powered in transit
- 24 GHz
 - DB6NT transverter, 1 watt output
 - DB6NT LO, DB6NT LNA
 - H.P. 33311 Coax switch
 - 10 MHz OCXO continuously powered in transit
- Elecraft KX3 & PX3 panadaptor IF on 144 MHz

KM5PO 10/24 GHz



Questions?

