

ANTENNA: (image required) _____

LOCATION: _____

(send images & log to erik@n0ew.org)

Logging Information Required - "name" is optional

Main = 28.500 mHz +/- 20 kHz

Your Call Sign	Date	Local Time	Freq. MHz	Their (name) Call Sign	Their Location City State / City Country	RS(T) Reports		Mode	Our Watts	Their Watts	Their Antenna
						Them *	To Us **				

RULES: (1) Do NOT use wire or pipe as antennas; (2) Photo required of each antenna; (3) Send photos & logs to erik@n0ew.org (or n0ew@arrl.net)

* is the way we heard "Them"
 ** is the way they heard "Us"
 "name" is optional

"k0s" -- KURT N. STERBA, STRANGE ANTENNA CHALLENGE

RULES...

1. **WE CAN NOT USE WIRE** (use as little as possible when connecting your coax to the antennas)
2. **WE CAN NOT USE PIPE** (however, you CAN fly an entire tent as an antenna)
3. **WE MUST SEND A DIGITAL IMAGE OF EACH ANTENNA USED TO ERIK, erik@n0ew.org**
4. **WE MUST PROPERLY FILL OUT THE LOG SHEETS & SEND TO ERIK, erik@n0ew.org**

Band	MHz	Feet *	1/4 W.L.	1/2 W.L.	5/8 W.L.	THESE ARE SOME BASIC WAVELENGTH GUIDELINES FOR "NORMAL" ANTENNAS
10 M	28.5	34.54	8'-7.2"	17'-3.25"	21'-7"	
12 M	24.95	39.54	9'-10.3"	19'-8.6"	24'-8"	
15 M	21.4	45.99	11'-6"	23'-0"	28'-9"	
17 M	18.14	54.26	13'-6.7"	27'-1.5"	33'-11"	
20 M	14.3	68.83	17'-2.5"	34'-5"	43'-0.25"	
30 M	10.125	97.21	24'-4"	48'-7.25"	60'-9"	
40 M	7.26	135.57	33'-10.7"	67'-9.5"	84.8.75"	
80 M	3.9	252.37	63'-1"	126'-2.25"	157.8.75"	
160 M	1.9	518.03	129'-6"	259'-0"	323'-9.25"	

* Formula for above = 300 / MHz * 39.37 / 12 = FEET OF ONE FULL WAVELENGTH at selected Frequency.

- Q **"DO I HAVE TO TAKE A DIGITAL PHOTO OF EACH ANTENNA?"**
A YES. WE WILL PROVIDE A QSL CERTIFICATE WITH AN IMAGE OF THE ANTENNA USED.
- Q **IS THERE A WEB SITE WITH ADDITIONAL INFORMATION & HOW CAN I CONTACT ERIK?**
A CaSe SeNsItIvE: <http://www.n0ew.org/StrangeAntennas/k0s.html>
Cell # 766-4544, OR E-Mail erik@n0ew.org OR n0ew@arrl.net OR tinytroll@leafwerks.net
- Q **CAN I RUN A k0s STATION AT MY HOUSE?**
A YES, IF YOU FOLLOW ALL THE RULES, LOG PROPERLY, AND SEND ERIK THE IMAGES & LOG. START TIME IS 10 AM SATURDAY, MAY 10TH. END TIME IS 7 PM (LOCAL) SUNDAY, MAY 11TH. USE "k0s" AS YOUR CALL SIGN, EXCEPT STATE YOUR CALL SIGN ONCE EACH HOUR.
- Q **IS THIS OFFICIALLY SANCTIONED BY ANY GROUP?**
A YES, IT IS AN ARRL SANCTIONED SPECIAL EVENT STATION, AND IS A SMARC CLUB EVENT.
- Q **DO I HAVE TO USE A SEPARATE LOG FOR EACH DIFFERENT ANTENNA?**
A YES. WRITE THE DESCRIPTION OF THE EACH ANTENNA AT THE TOP OF THE LOG. REMEMBER TO TAKE A PHOTO (DIGITAL IS BEST) OF EACH ANTENNA USED.

Band*	10-M	12-M	15-M	17-M	20-M	30 (no voice)	40-M	75/80-M	160-M
Upper	29.700	24.990	21.450	18.168	14.350	10.150	7.300	4.000	2.000
Lower	28.300	24.930	21.300	18.110	14.225	10.100	7.225	3.850	1.800

* Frequency Ranges are for the GENERAL CLASS. No voice on 30-M and 200 watt max.

RST: READABILITY	SIGNAL STRENGTH	Tone - CW Only
1 = Unreadable	1 = Faint signal, barely perceptible	1 = Very poor
2 = Barely readable	2 = Very weak signal	9 = Is Perfect
3 = Readable; considerable difficulty	3 = Weak signal	"Tone" scale is from "1" to "9" with better quality the higher the reported number (9 is best report given). Add a "C" for chirp and a "K" for click.
4 = Readable; almost no difficulty	4 = Fair signal	
5 = Perfectly readable	5 = Fairly good signal	
	6 = Good signal	
	7 = Moderately strong signal	
	8 = Strong signal	
	9 = Extremely strong signal	

Please - Provide & Request Only HONEST Signal Reports. This is a large part of the FUN of this Special Event!

This is a special event station, k0s. We are celebrating the efforts of author Kurt N. Sterba to educate his fellow hams about the wide variety of antennas we can use, and the true conditions that allow us to contact one other across the planet.

We are demonstrating that many strange things can be used as antennas. This better prepares us to serve our communities during disasters, either natural or man-made. This is also a demonstration of Homeland Security Communications, and how diversified ham radio solutions can be. By practicing communications under less-than-ideal conditions, we are preparing ourselves to serve our community if needed.

We are also having fun trying out all these strange antennas!

QSL to either n0ew or w0ebe, with SASE. Our web site is: www.n0ew.org/StrangeAntennas/k0s.html