

SIMPLEX TEST NET PARTICIPANT GUIDE

(Tues, Jan 21, 2025, at 8:00pm)

- **GOAL:** Practice simplex exchanges, better understand geographic reach of your station, encourage more simplex use, have fun.
- **ELIGIBLE STATIONS (those satisfying all of the following):**
 - Check-in from the start of the net (sorry - late check-ins can't be accommodated)
 - Stationary (non-mobile)
 - Non-Echolink/Allstar/etc.
 - Willing to stay for the full net*
 - Willing to keep log (see below) and submit to Net Control after the event
 - Within range of K9IIK repeater for initial check-ins (contact K9MSG in advance if you are not able to hit K9IIK so we can pre-log you into the net and then work to reach you via relay once on simplex)
- **NET AGENDA*:**
 1. Check-ins on K9IIK (**145.230 MHz, -600 kHz input, pl 107.2 Hz**)** for brief instructions and to address any questions. This has been simplified from our Dec pilot net on UHF which involved 35 participating stations.
 2. Move to simplex 70cm/UHF^ with no tones for:
 - a) A roll call exchanging callsigns only during which any necessary relays will be set, and
 - b) A transmission round where each station briefly transmits operator/station info to allow all others to log signal reports.
 3. Return to K9IIK repeater for recap/close
- **CHECKING-IN:** You will be assigned 1) a station number by net control. From there, you provide your 2) callsign, 3) name, 4) town, 5) transmit power (watts), and 6) antenna height (estimated in feet from ground to the base of your antenna). Those check-in details become the first 6 items you enter on the log which you populate for all stations during the net. The rest of the log is populated once on simplex.
- **CREATING A LOG:** It's simple. Log templates are available from K9MSG@outlook.com via Excel, Word, or PDF or you're welcome to handwrite your log. Participating stations submit their logs within 24 hours of the net and receive detailed mapping/reporting a few days later. A sample of the log template is shown below.

➤ **SIGNAL LOGGING METHOD:** [RST System](#)

➤ **TIPS/NOTES:** Open squelch fully on simplex. Simplex rounds will occur in check-in (Station#) order. Net Control will assign any necessary relays (be patient).

➤ **QUESTIONS:** Submit to Kirk at K9MSG@outlook.com

		1/21/2025	Simplex Test Net Log		Return to K9MSG@outlook.com	RST System Reporting Link				
		1	2	3	4	5	6	7	8	9
NCO	ANCO	MY STATION OPERATOR #	Call Sign	Name	Town	Transmit Power (watts)	Ant Height AGL (ft)	Readability (1-5)	Signal Strength (1-9)	Comments
			X		1	K9MSG	Kirk	Glen Ellyn	50	45
	X	2	(tbd)	(tbd)						
		3								
		4								

* Estimating 45-75 minutes depending on the number of participants using a script that has been simplified since our Dec pilot on 2m.

** This repeater has a very large reach throughout the Chicago/suburban area. However, if you are unable to reach the K9IIK repeater, you may contact K9MSG at least a day in advance of the net so that we may pre-arrange to 1) forgo the repeater check-in step for your station, and 2) pre-plan for simplex relays.

^ 70cm frequency confirmed during check-ins on the repeater.