

DeKalb County ARES

Monthly Simplex Net · Net Control Script

When	First Sunday of each month, immediately after the weekly training net
Where	W4BOC repeater, 146.760 MHz (-) PL 107.2
Listening	All stations except the one transmitting listen in REVERSE (REV)
Emergency simplex	146.460 MHz (not used for this test, but keep it programmed)

1. Open the test

“That concludes the regular DeKalb County ARES training net. We will now run our monthly simplex test. This is [YOUR CALLSIGN], net control.”

“The purpose of this test is to find out who can hear whom directly, station to station, without the repeater. If the repeater is ever unavailable, this tells us which stations can still pass traffic to each other.”

“I will start with a roll call. When I call for check-ins, please give your callsign and your name only. Nothing else is needed at this time.”

2. Roll call

“Please check in now with your callsign and your name.”

[Log each station on the roster sheet. Repeat each callsign back as you copy it.]

“Are there any additional check-ins? Any stations we have missed?”

[Read the full roster back so everyone knows who is taking part and in what order you will call them.]

3. Explain the procedure

“Here is how the test will run. Each station in turn will transmit on the repeater, give their callsign, and then count: one, two, three, four, five, five, four, three, two, one, zero.”

“When I tell you to, everyone except the station that is transmitting will place their radio in REVERSE, the REV function. Reverse makes your radio receive on the repeater's input frequency, so you hear that station's own signal directly instead of the repeater's retransmission. That is what makes this a true simplex reception test.”

“Write down every callsign you copy on reverse and rate how well you heard it. R5 perfectly readable, R4 readable with practically no difficulty, R3 readable with considerable difficulty, R2 barely readable, R1 unreadable. If you hear nothing at all from a station, log it as not heard.”

“I will transmit first so you can set your radios. Please switch to reverse now.”

4. Net Control transmits first

[Transmit normally on the repeater. Do not put your own radio in reverse.]

“This is [YOUR CALLSIGN]. One, two, three, four, five, five, four, three, two, one, zero. This is [YOUR CALLSIGN].”

5. Call each station in turn

“[CALLSIGN], you are next. Please give your callsign and your count.”

[Everyone except the station calling the countdown stays in reverse and rates what they hear. The station transmitting stays in normal repeater mode. Work down the roster one station at a time.]

“Thank you. Next station, [CALLSIGN], please give your callsign and your count.”

[Continue until every station on the roster has transmitted. Offer a second pass to any station that was missed or that arrived late.]

6. Close the net

“That completes the simplex test. Thank you to everyone who took part. You may return your radios to normal repeater operation.”

“Please submit your reports at dekalbares.org, under Nets, Submit simplex reports. For each callsign, record whether you heard them and how readable they were. Your reports build the simplex map, which shows who can reach whom across the county.”

“A reminder that our designated simplex frequency for an actual emergency is 146.460 megahertz. Please make sure it is programmed in your radio.”

“This is [YOUR CALLSIGN] closing the DeKalb County ARES simplex net at [TIME]. Returning the repeater to normal use. 73.”

Net Control roster and log

Callsign and name at check-in. Mark each station off as it transmits.

#	Callsign	Name	Transmitted	Notes
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Readability scale: R5 perfectly readable · R4 readable with practically no difficulty · R3 readable with considerable difficulty · R2 barely readable · R1 unreadable · NH not heard.