D-STAR Linking Tips

For local operation, program and store a memory as follows:

	2 meter VHF	**70cm UHF**	**1.2 GHz Voice**	**1.2 GHz Data**
Frequency:	145.300- (0.6)	440.700+ (5.0)	1282.700- (12)	1298.500
UR:	CQCQCQ	CQCQCQ	CQCQCQ	
RPT1:	KJ4GGV C	KJ4GGV B	KJ4GGV A	
RPT2:	KJ4GGV G	KJ4GGV G	KJ4GGV G	

(Note that any module designations must be in the 8th position regardless of callsign length If a callsign is shorter than 6 characters, add spaces to ensure the module letter is in the 8th position. Always use the repeater callsign with G in RPT2 to allow DV Dongle and linked repeaters to hear you and be heard)

Repeater Linking (To link a repeater module to another repeater)
Example: To link KJ4GGV C (2m) to WX4GPB C (Stone Mountain), set another memory for the following and key for one second:

> **Frequency:** 145.300   **UR:** WX4GPBCL   **RPT1:** KJ4GGV C   **RPT2:** KJ4GGV G

After repeater announces that it is linked, move back to memory for local operation:

> **Frequency:** 145.300   **UR:** CQCQCQ   **RPT1:** KJ4GGV C   **RPT2:** KJ4GGV G

To unlink repeater, set a memory as follows: **UR:** *******U   **RPT1:** KJ4GGV C   **RPT2:**
 (Note * in UR is a space, the U is in the 8th position, frequency is still the repeater frequency)

To see if a repeater is linked, program a memory for:

> **Frequency:** 145.300   **UR:** KJ4GGV I   **RPT1:** KJ4GGV C   **RPT2:** KJ4GGV G

If repeater is not linked, it will announce its ID. If it is linked somewhere, it will say "Repeater already linked".

Linking to Reflectors
Reflectors are locations where multiple repeaters or Dongle users can connect simultaneously (aka a conference bridge). Reflectors are designated as REF001C or REF004A. Each reflector has three separate conference locations designated by the letter at the end. For example, you can connect to REF001A, REF001B or REF001C. Think of it as three separate conference bridges.

To link to a reflector (ex. REF001C) from KJ4GGV C, program as follows:

> **Frequency:** 145.300   **UR:** REF001CL   **RPT1:** KJ4GGV C   **RPT2:** KJ4GGV G

Unlink as above.

US Reflectors (see entire list of reflectors at http://www.dstarinfo.com/Nets/Nets.htm

REF001A	REF004A – Backup SE Weather Net
REF001B	REF004B
REF001C – Common gathering place	REF004C
REF002A – SE Weather Net	REF014A – West Coast gathering place
REF002B	REF014B – West Coast gathering place
REF002C	REF014C – West Coast gathering place

D-STAR Tips (continued)

Help and other links

To see what's on your local repeater, view the D-STAR Dashboard:
https://callsign.dstargateway.org/status.html

For help programming your D-STAR radio, use the D-STAR Calculator at
http://www.dstarinfo.com/Calculator/Default.htm

To see who is on D-STAR, http://www.dstarusers.org

For a listing of D-STAR repeaters:
http://www.dstarusers.org/repeaters.php
http://www.dstarinfo.com/repeaters/repeaters.htm

For general D-STAR information:
http://www.dstarinfo.com/
http://www.dstarusers.org

For info on the DV Dongle: http://www.dvdongle.com

D-STAR Forums and Groups

Georgia D-STAR Yahoo Group: http://groups.yahoo.com/group/ga_dstar/
General interest topics and news on what's happening with D-STAR in Georgia

Southeast D-STAR Weather Net Yahoo Group: http://groups.yahoo.com/group/se_wxnet/
The Southeast D-STAR Weather Net operates each Sunday night at 9:00pm ET on REF002A during non-emergency times.   The net was formed to practice a wide area net over a linked repeater network for emergency weather conditions in the southeast such as hurricanes, tropical weather, tornadoes or severe thunderstorms. All check ins are welcome and encouraged. Just link your local repeater to REF002A just before 9:00pm on Sunday evenings. Check ins are taken by state for each southeastern state. During severe weather conditions, link your local repeater to REF002A to monitor for emergency communications.