

K8KRG VHF Repeater – Controller/AllStarLink Operating Procedures

To access a map of Nodes, go to <http://stats.allstarlink.org/maps/allstarUSAMap.html>

Stations using Command Codes must ID before sending touchtones!

Mandatory Command Codes

These are the mandatory command codes that all Allstar Link nodes must support to provide command code consistency to the users. Press **311** to link to AllStarLink if not already linked, then enter the command codes below:

***1** node **Disconnect Link**

Example: *11998 Disconnect from Node 1998, will say “55354 disconnected from 1998.”

***2** node **Connect Link in monitor mode**

Example: *21998 Connect to Node 1998 in Monitor Mode, will say “Node 1998 connected to 55354.”

***3** node **Connect Link in transceive mode**

Example: *31998 Connect to Node 1998, will say “Node 1998 connected to Node 55354.”

***70** **Local connection status** Entering ***70** will respond with the status of the Link.

If not connected to an AllStar node, it will respond with our node number **55354** and say “Repeat Only.”

If connected to an AllStar node, it will say “55354 node 1998 Transceive.”

***76** **Disconnect all nodes from 55354**

Connecting to Echolink

Echolink connections look like Allstar connections, except the Echolink node numbers have been prefixed with a **3** and padded out to **7 digits with leading zeroes**. For instance, if you want to connect to Echolink node 1234 on your Allstar system, dial ***3** followed by **3001234**, i.e., *33001234. If you have a 6-digit Echolink node number 123456, dial ***3** followed by **3123456**, i.e., *33123456. As you can see, we have reserved Allstar node numbers with a leading 3 for the Echolink number space. For users originating from an Echolink node using Echolink-supplied software, nothing changes for them. They dial the 4 or 6-digit Echolink node number assigned to your Allstar system and get connected!

Controller Commands

Macro#	Result
211	Says “PL 110.9 <Time> <Date> For information press 411”
311	Link connected – connects to AllStarLink
322	Link Disconnected – disconnects from AllStarLink
411	Plays DVR recordings containing information about NOARS

When the repeater is not linked, the courtesy tone will be the usual two-tone beeps.

When linked, it will be a courtesy tone from the Node, then three beeps.

Standard good practices are to unlink from any connected nodes before carrying on a **local** QSO. Rather than having a timer on link connections, the repeater is preferred to stay linked to the AllStarLink network so other stations may connect to our Node at will. Please enter the AllStarLink command ***76**, which will disconnect all other nodes.