

District 14 ARES® Emergency Communications Plan
“VHF/UHF Frequency Guide”

Because of the vast size of Harris County there are few repeaters that can effectively cover the entire County. This dictates that several repeaters may have to be used in different parts of the County and for different purposes such as informational, tactical, and logistics nets. Because repeater availability may change from time-to-time, this guide will be reviewed and updated at frequent intervals. Refer to the Harris County ARES® web site for the most current repeater updates.
http://harriscountyares.org/resources/ARES_repeater.pdf

Two meters (144-148 MHz) is the most heavily utilized band by Amateur Radio operators, and more equipment is available for this band. Because of this, preference shall be given to two-meter frequencies.

Countywide operations

147.000 (+)(103.5) – Harris County ARES informational net. This net exists primarily to keep the general membership informed.
 145.170 (-)(123.0) is the back up to the 147.000 repeater.
 444.600 (+)(71.9) is the UHF countywide repeater and may be used for other coordinating nets if needed.

Geographical operations

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| <p>Northwest Quadrant</p> <p>146.720 (-)(123.0) 146.760 (-)(103.5) 147.300 (+)(151.4) 146.660 (-)(141.3)</p> <p>146.440 Simplex 147.440 Simplex</p> | <p style="text-align: right;">Northeast Quadrant</p> <p style="text-align: right;">145.430 (-)(none) Simplex (if repeater down) 147.280 (+)(100.0) Simplex (if repeater down) 444.825 (+)(103.5) 443.550 (+)(103.5) 146.410 simplex 28.410 USB</p> |
| <p>Southwest Quadrant</p> <p>145.190 (-)(123.0) 146.940 (-)(167.9) 145.170 (-)(123.0) 147.200 (+)(141.3) 442.350 (+)(103.5)</p> <p>146.560 simplex 147.560 simplex</p> | <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">Inside the IH-610 Loop</p> <p style="text-align: center;">145.170 (-)(123.0) 146.840(-)(103.5) 146.960(-)(167.9) 147.080(+)(none) 147.320(+)(none)</p> <p style="text-align: center;">D-Star Data 1293.??</p> </div> <p style="text-align: right;">Southeast Quadrant</p> <p style="text-align: right;">146.640 (-)(none) 145.130 (-)(none) 145.370 (-)(123.0) 146.860 (-)(100.0) 146.780 (-)(none)</p> <p style="text-align: right;">145.600 simplex 145.700 simplex</p> |

Last update: 31 Dec 2007