

UCARES repeater training item

This training item will provide basic training on the UCARES repeater resources. You may want to have paper and pencil handy as we talk about these essential resources.

The Utah County Sheriff's Communications Auxiliary Team (SCATeam), under the direction of the Utah County Sheriff's Office, owns and operates a large network of repeaters within the boundaries of Utah County. The primary purpose of these repeaters is to provide emergency and public safety communications by SCATeam, and UCARES members for the benefit of the public. Secondly, other groups may schedule the use of one or more repeaters for specific events. This may be done by sending an email to leadership@ucares.org. When the repeaters are not in use for their primary purpose, most of them are open for any amateur to use.

The SCATeam also has cooperative agreements with a few other repeater owners for linking and interoperation with their resources.

SCATeam and UCARES repeaters are housed at a variety of mountaintop and valley floor sites. This provides redundancy and flexibility for handling multiple events. At times, it may be necessary to link two or more of the repeaters to provide wider and/or customized coverage for an event.

The following is a list of the Utah County SCATeam/UCARES repeater sites and which repeaters are housed at each site.

| <u>Site</u> | <u>Repeater</u> | <u>Tone</u> | <u>Link</u> | <u>Notes</u> |
|------------------|-----------------|-------------|-------------|-------------------|
| West Mtn. | 147.340 | 100.0 | A, 145.230 | Flagship |
| Lake Mtn Ut Co | 147.280 | 141.3 | A | |
| | 449.975 | 131.8 | | |
| | 449.675 | 173.8 | A | SCATeam |
| Lake Mtn SCATeam | 145.230 | 131.8 | A, 147.340 | |
| | 146.780 | 100.0 | A | UVARC-SignalStuff |
| | 224.560 | 100.0 | A | UVARC-SignalStuff |
| | 448.200 | 100.0 | A | UVARC-SignalStuff |
| Provo Canyon | 147.340 Aux | 141.3 | | Aux |
| | 448.325 | 100.0 | A | |
| UVH | 145.470 | 100.0 | A | |
| | 449.325 | 100.0 | A | |
| Sundance | 145.250 | 100.0 | A | UVARC-SignalStuff |
| Teat | 447.400 | 100.0 | | Temp. down |
| KB7M | 448.025 | 100.0 | IRLP, A? | |
| WA7FFM | various | | | Interconnect hub |

Questions?