

Nellis Radio Amateur Club VHF Fusion Repeater Returns to Service on Apex

On December 6, 2020, the team consisting of Tristan Davis (NOCALL), Dennis (KB7UTV), Thomas (KI6CCW) and Tommy (KB7HTA) braved Apex to install the club's Yaesu DR-2 VHF repeater and Sinclair 6 cavity duplexer. Tristan strapped on a backpack with the duplexer that weighed in at 50 pounds, while Dennis carried the not so light 25 pound repeater.



Tristan with Duplexer & Thomas Ready to Head Up to Apex



Dennis with Repeater Heading Up to Apex

The trip up to the top was carefully made and uneventful. Upon arrival, a quick survey of the shack revealed quite a bit of "stuff" had gathered in the shack over the years, which required a bit of housekeeping before the installation could begin. Dennis squeezed into the shack with all the equipment and started to work.



Dennis Prepares for the Duplexer Install



Tommy Arrives to Help with the Duplexer Installation

The team spent a good amount of time getting the screws through the duplexer mounts and into the rack. Not that we were counting, but a total of 7 screws were dropped in the process. The rest of the work went quickly and Dennis made the first contact using the repeater, with Jane (KB7YUZ) in Las Vegas.

The Nellis Club now has two Yaesu Fusion repeaters operational on Apex. The VHF repeater is on 147.060 MHz (+), with a PL tone of 100. The UHF repeater is on 449.875 MHz, with a PL tone of 127.3. The Yaesu DR-2 repeaters are set to "Auto". If you call using a Fusion capable transceiver it will repeat in digital mode; otherwise, it acts as an analog repeater. Please give the repeaters a try and let us know what you think!