

Devers Repeater is Coming Back Houston Amateur Mobil Society (HAMS)

We have been granted permission to go back on the same Devers tower at the 700 foot level with the equipment in the building below. That will be 1 helix run and one antenna which will be two ASP602 that are phased as one. That is the same as what we had on the old receive. I will use a homemade matcher as we have at Alvin 145.11 so we will be able to have the 146.98, the 224.92 and the 442.575 all working off the same antenna system. If we can find an old antenna mount at Devers, we can use it, if not we will have to buy one. If we have to buy the mount plus having it all hung, the cost will be about \$3000. Some tower companies said \$4500, but Trico gave us the best price, as they normally do. It will be cheaper if we can find the mount since it is special to fit the 8 inch tower legs.

The earliest the tower company can get to us is in February, if I call them after HAMS meeting in January and tell them we have the money and to proceed with the planning. I have a 1000 foot roll of wire that will have to be cut up into 3 foot pieces for the "tie wire" for attaching the helix to the tower. The station engineer wants the helix tied every 3 feet instead of the normal 7 feet. That will be 250 "tie wire" and will take some time for several men to tie as they come down the tower. After seeing the helix cut into 7 foot pieces from Ike, I can understand why they want it tied every 3 feet instead of every 7 or 8 feet. The helix was cut by the wire ties like a butter knife had sliced through it.

If we have the money and it doesn't rain too much to make getting into Devers bad, I would hope to have 98 on the air by March and the other repeaters later. I have a regular 100 watt Micor, like the 145.11, to put over there. It will have the circuit for the "remote link receivers" like the 145.11 and 145.17 have. I have a spot with antennas ready to go for a link at I-10 and Wayside at 200 feet, so we should have good coverage in Houston. We can put one in the Beaumont area too, if we can find a site. This is from Wayne Wright, KA5QDG the Club technical officer.

If you have let your membership in HAMS club lapse, now is the time to renew it, if you would like the 146.98, 224.92 and the 442.575 repeaters back up and working. Without the money to pay the tower crew and buy the antenna mount, there will be no 146.98. For more info call Mike, N5KBW 409 727-1071 or go to our website www.qsl.net/w5ssv/ for an application.