

146.610 Mhz Repeater History

(Short Version)



The first repeater for the Club was based on the Motorola Research Line. It had the Motorola sensicon A receiver and the matching 60 watt transmitter. It very much looked like this unit, although ours did not have the clock. This was in late 1973 or early 1974, the repeater was located at John Campbell's residence in Indian Village. John (KØPUX) was an instructor at the Vocational Tech School here in Coffeyville at that time. Herb

(WØILJ) built a COR out of a 12AT7 tube and since we didn't have any duplexers, we were using two antenna's for separation. We were offered a site on the Coffeyville Cable tower and the unit was moved to that location in 1975. The machines call sign was WRØAJW issued to the Coffeyville Amateur Radio Club, the trustee of the repeater was John Campbell (KØPUX).



In February of 1976 the Club purchased a VHF Engineering Repeater kit and several members of the Club built the unit. We obtained a set of Wacom (6 cavity) notch duplexers for the machine.

In 1976 the machine was moved to the present location in the City Tower building in Pfister Park.

In late 1976 the Wacom Duplexers were replaced with a new Wacom WP-639 (4 cavity Bandpass-reject) duplexers. The Repeater kit and the Duplexer were ordered for the Club by Verle Soles & Jim Keith (WØCMB).

Herb Sollman (WØILJ) was the City Radio Tech and a long time member of the Club. We provided free service work on the Emergency Generator to the City for over 20 years.



In early 1984 the Club accquired a used Wacom WP-641 (4 cavity Bandpass-reject) duplexers.



In 2001 the machine was replaced with a Spectrum VHF Repeater. The Spectrum repeater was out of service and the VHF Engineering Repeater was put back into service.

The Spectrum repeater was at Dave's (NØTAP) residence for repair when the Flood hit Coffeyville in 2007.



In 2006 the Club applied for a vanity call sign. WRØCV was assigned and it is the call sign of the repeater.

In 2009 the Club accquired a used Motorola VHF GR1225 Repeater. The repeater needed repair and after it was fixed the repeater was put into service and it is still running today.

April 28th, 2015: The new Yaesu DR-1X repeater was placed online today. It is in operation on the 146.610 Mhz frequency and it is setup for Automatic Mode Select. In other words, Digital In = Digital Out or Standard FM In = Standard FM Out.



Ken NUØB