

## "THE REPEATER"

LOCATED LIVINGSTON TX.  
ON KETX-AM TOWER AT ABOUT 355 FT.  
CUSTODIAN: MACK WALL K5EWU  
147.04 VOICE REPEATER  
145.07 PACKET DIGIPEATER

### -HISTORY-

IN 1990, THE UPPER LAKE LIVINGSTON WIRELESS ASSOCIATION (ULLWA) CLUB BEGAN PLANS FOR AN ADDITIONAL CLUB PROJECT, A LIVINGSTON REPEATER. THERE WAS NO TOWER OF DESIRED ELEVATION AVAILABLE AT THE TIME, BUT IN JULY OF 1991, DR. EMIL VOGELY, W5RCJ, SPOKE WITH HAL HALEY, W5JIJ, OWNER OF KETX RADIO, ABOUT LOCATING AN AMATEUR REPEATER AT HIS RADIO-TELEVISION STATION. HAL WAS IN THE PROCESS OF ERECTING A NEW AND CONSIDERABLY TALLER TOWER AT THE TIME. (724' VS THE 414' TOWER ALREADY IN USE.

THERE WAS 640' OF 7/8" HELIAX RUNNING OUT TO, AND UP THE 414' TOWER LEFT FROM THE FM BROADCAST ANTENNAS ALREADY MOVED TO THE NEW TOWER. WE WERE IN BUSINESS !! THE DIAMOND 200 ANTENNA WAS INSTALLED BY ONE OF THE ERECTORS OF THE NEW TOWER "FOR FREE" (+ 1 CASE OF BEER). HI. THE HARDWARE FOR MOUNTING THE ANTENNA WAS CONSTRUCTED BY K5EWU, ALL 316 STAINLESS STEEL, AND EXTENDS OUTWARD 42" FROM THE TOWER LEG.

DUPLEXERS WERE ORDERED FROM WACOM, AND N5JNN (MIKE ELDER) ORDERED AND INSTALLED CRYSTALS IN A HAMTRONICS REPEATER THAT HE USED FOR A SPARE IN BAYTOWN. "THE REPEATER" WAS SET UP WITH THIS "BORROWED" GEAR AND THE LOAN WAS MUCH APPRECIATED.

OUR THANKS TO HAL HALEY AND ASSOCIATES OF STATION KETX FOR THEIR KIND RECEPTION AND UNLIMITED COOPERATION.

### -PROSPECTUS-

AS OF NOW, JANUARY 13, 1992, THE REPEATER IS OPERATING, THOUGH NOT TO COMPLETE SATISFACTION, AND THE COMBINERS WITH ASSOCIATED PACKET EQUIPMENT, ARE IN PLACE AND OPERATING.

IT IS OUR INTENT TO INSTALL A 440 REPEATER ALSO, AND WITH ANY LUCK AT ALL, ALL THREE (3) SYSTEMS WILL BE OPERATING ON THE SAME ANTENNA AND FEED LINE.

WITH LINKS AND OTHER INNOVATIONS, WHO KNOWS WHAT THE NEXT YEAR WILL BRING.

"AMATEUR RADIO IS TO USE AND ENJOY.  
DISAGREE !! BUT DONT LOSE FRIENDS"

*M.E.W.*

-OWNERSHIP-

AS TIME PROGRESSES, DIFFERENT MEMBERS WILL HAVE SOME OF THEIR PERSONAL GEAR IN USE IN THIS STATION. AS OF THIS DATE, JANUARY 13, 1992, OWNERSHIP IS AS FOLLOWS:

**EMIL VOGELY, W5RCJ**

1. ALL HELIAX FROM REPEATER TO ANTENNA
2. DIAMOND 200 ANTENNA
3. WACOM DUPLEXERS #WP-641, SET OF 4
4. WACOM COMBINERS #WP-735-535, FOR DIGIPEATER
5. OAK CABINET FOR HOUSING DUPLEXERS ETC.

**MACK WALL, K5EWU**

1. 30 AMP V-J PRODUCTS POWER SUPPLY
2. 2 MTR FM REPEATER CONTROL BOARD

**DON NORTHRUP, K5SCR**

1. MFJ 1270-B TERMINAL NODE CONTROLLER (TNC)
2. ICOM IC-25 2 MTR TRANSCEIVER ON PACKET

**JERRY WOODS, W5USD**

1. REPEATER COMPRISED OF 2-MOCOM 70 TRANSCEIVERS *-Not Used.  
Tren-*