

**MIDDLE TENNESSEE AMATEUR RADIO SOCIETY
REPEATER TECHNICAL UPDATE WEB PAGE**

146.820



Note: Be sure to list your call with all work or T/S completed below, with date accomplished above the work completed statement. Newest above oldest below.

22/80 currently operational...

history – during nets and conversations the last two days, odd and mysterious tones have been heard. W4WRB and KA9J (with their equipment still loaded from their escapades at 10/70) went to the 22/82 site to search for the cause of the tones. With this vague target, they did not limit the search and built a list of things to "upgrade" before we do the main configuration upgrade of replacing batteries and rewiring the repeater's power distribution. Things to be done SOON are: (1)replace the main coax between the repeater cabinet and the polyphaser (lighting protector) connected to the antenna, (2) replace one of the three power supplies because it does not provide a constant output voltage(this PS is the one used by the repeater). We think the tones are (probably) caused by this PS changing it output voltage.

12/14/2017 CREATED