D-Star Repeater - Watertown, Wisconsin

- You do not need to be a member of WARC to use the repeater
- Only registered D-Star users are allowed to use the internet gateway to speak to users on other repeaters or reflectors. If you are not registered, your transmissions will only be heard locally on the repeater output.
- Registration can be made by clicking on the REGISTER button, under New User? at this website: https://w9ttn.dstargateway.org/Dstar.do   This takes a few days to be completed.

To program your radio for use on this repeater:

1. Set your radio to DV (Digital Voice) mode.
2. Set your receive frequency to 440.150 MHz, and the offset to +5.000 MHz. There are no tones to set in digital voice mode.
3. Program the "MYCALL" callsign with your call, and use spaces to fill all 8 characters. (Example, W9TTN would need 3 spaces after the N to fill all 8 characters.)
4. Program "URCALL" to "CQCQCQ" plus 2 spaces for a total of 8 characters.
5. Program "RPT1" as "W9TTN__B". That's "W9TTN" followed by 2 spaces, then "B". (The "B" signifies the 70 cm band on the repeater stack.)
6. Program "RPT2" as "W9TTN__G". That's "W9TTN" followed by 2 spaces, then "G". (The "G" specifies the internet gateway.)
7. Save these settings in a memory location. This is now your talking channel.

To program your radio for additional functions:

- The "Wisconsin Reflector", otherwise known as Reflector 19B, is setup to continuously be linked to this repeater through the gateway.
- To use any function below, select the saved memory channel, and key up the repeater.
- When finished, always return to the channel with CQCQCQ to talk normally.

1. Create a memory location to turn ON the gateway link. Copy the settings above and change URCALL to "REF019BL". Save this memory.
2. Create a memory location to turn OFF the gateway link. Copy the settings above and change URCALL to a setting of "_____U" (7 spaces plus "U"). Save this memory.
3. Create a memory location to check the link status. Change URCALL to a setting of "_____I" (7 spaces plus "I"). Save this memory.
4. Create a memory location to test your repeater audio. Change URCALL to a setting of "_____E" (7 spaces plus "E"). Save this memory.

The Wisconsin D-Star net is on REF019B - Sundays at 9:00 PM & Wednesdays at 7:00 PM.