

## Glenada Hill Yaesu C4FM UHF Repeater Features & Settings

### **IMRS (Internet-Linked Multi-Site Repeater System):**

Currently our Glenada Hill UHF repeater system can be linked to a similar repeater which is operating in Coos Bay on 147.320 MHz under callsign K7REA. The link is controlled by the DG-ID setting in your radio and the audio link is completed from our repeater thru the internet to the repeater in Coos Bay. While this link is active any digital C4FM user in Florence can communicate with other digital C4FM users in the Coos Bay area. Once established the link remains open for thirty (30) seconds from the end of the most recent digital transmission.

There are some informative “beeps” that occur as follows:

- 1 beep: Connection to remote repeater established
- 2 beeps: Link has been dropped
- 3 beeps: Connection failed on one or more repeaters

Additionally, we have a third repeater (Sherwood) which can be accessed during our testing phase. This repeater is actually located SOB at AC0WN’s QTH and will eventually be installed in Sherwood, OR. The Sherwood repeater is on a test frequency pair at 440.275 +5mhz

To use the IMRS system you set your transceiver’s TX DG-ID as follows:

- Florence Repeater Only: 00
- Florence Repeater and Coos Bay Repeater: 02
- Florence Repeater and Sherwood Repeater: 03
- All linkable repeaters (currently 3): 99

**IMPORTANT:** Once you are done with the link please remember to return your transceiver’s TX DG-ID back to 00.

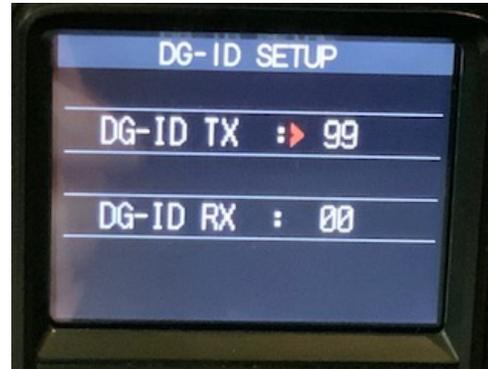
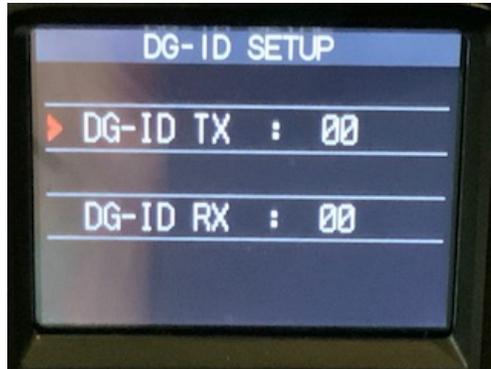
To set TX DG-ID on a FT3DR:

Press GM button for 2 seconds

Press GM button briefly

Turn DIAL to set desired TX DG-ID

Press BACK button twice



GM Button

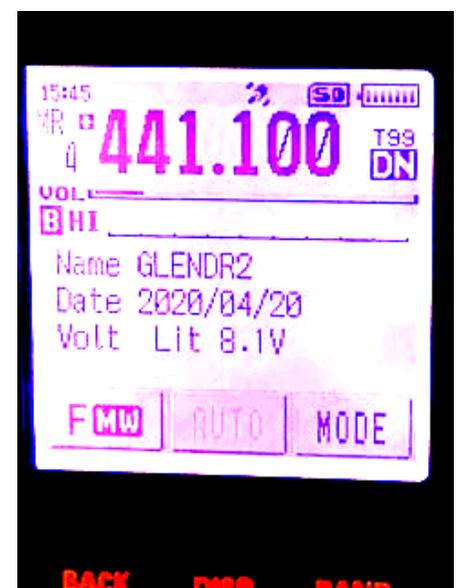
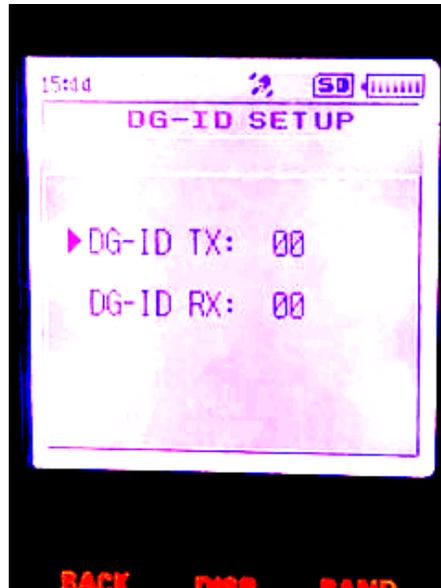
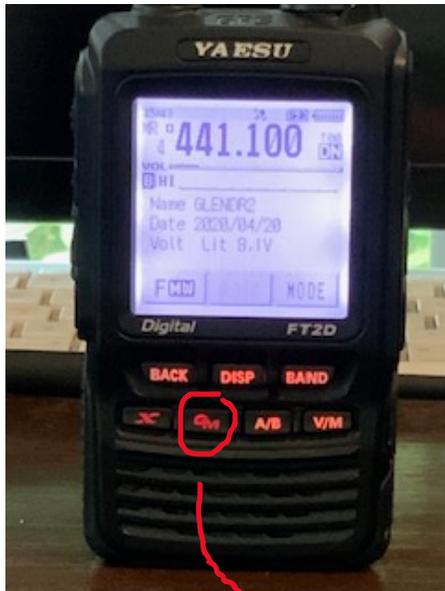
To set TX DG-ID on a FT2DR:

Press GM button for 2 seconds

Press GM button briefly

Turn DIAL to set desired TX DG-ID

Press BACK button twice



GM Button

To set TX DG-ID on a FTM-400:

Press GM button for 2 seconds

Press GM button briefly

Turn DIAL to set desired TX DG-ID

Press BACK button twice



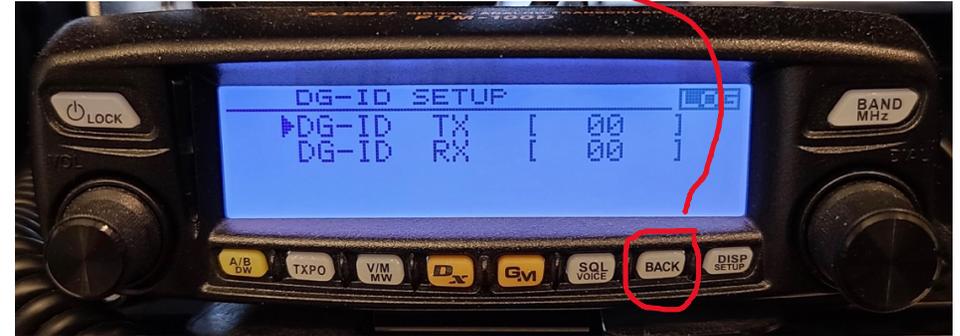
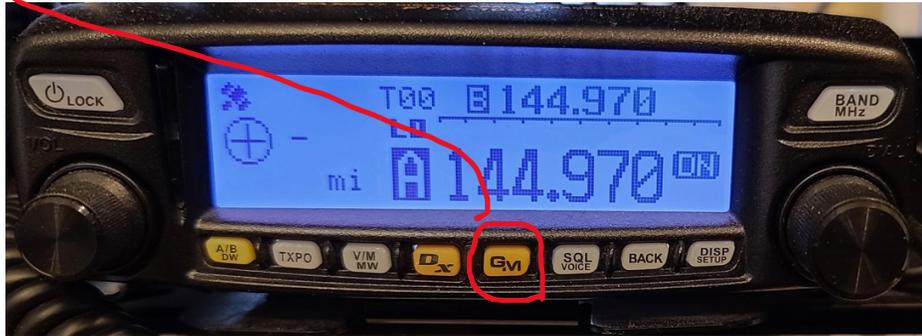
To set TX DG-ID on a FTM100D:

Long press GM

Short press GM

Turn dial to desired DG-ID

Press Back button twice



## **WIRES-X (New setting required to use Wires-X):**

While we are using IMRS it is important that we NOT allow IMRS traffic on the Wires-X network. In an effort to meet this goal we are trying the following:

To access Wires-X thru the Glenada Hill repeater set your Wires-X DG-ID to 70. The Wires-X DG-ID is in a different location than the GM DG-ID. Please see directions below on how to configure the Wires-X DG-ID. This is a “set it and forget it” step as you can leave it in this configuration whether or not you are engaging Wires-X. Once the Wires-X DG-ID is set to 70 you can connect to Wires-X at any time by pressing the red **X** button on your radio. On the FT2DR and FT3DR this is a quick press, while on the FTM-400 it is approximately a 2 second hold.

Once Wires-X is engaged thru the Glenada Repeater, any digital C4FM radio in Wires-X mode and on frequency can transmit and contribute to the Wires-X conversation. Any other radio not in Wires-X mode will hear both Wires-X and local traffic on the repeater, but when transmitting will only be heard on the local repeater (and not on the Wires-X internet link).

**IMPORTANT:** Once you set Wires-X DG-ID you can leave it on “70” as long as you are just using our local Wires-X node. 😊 If you travel and use some other Wires-X node you will most likely need to return this setting to “Auto”.

To set Wires-X DG-ID on a FT3DR:

Press DISP button for 2 seconds

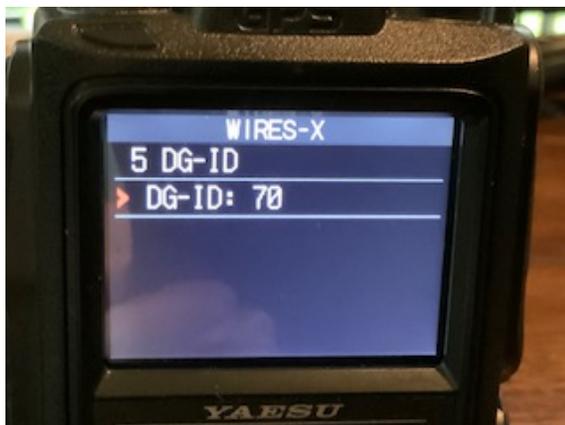
Press Wires-X soft button briefly

Turn DIAL to select 5. DG-ID

Press 5. DG-ID

Turn DIAL to select 70

Press BACK button three (3) times



To set Wires-X DG-ID on a FT2DR:

Press DISP button for 2 seconds

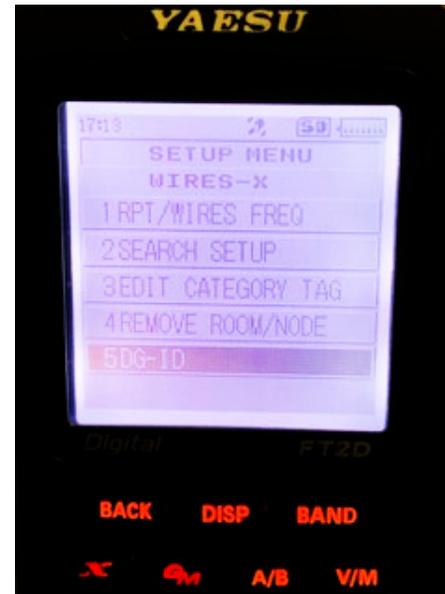
Press Wires-X soft button briefly

Turn DIAL to select 5. DG-ID

Press 5. DG-ID

Turn DIAL to select 70

Press BACK button three (3) times



To set Wires-X DG-ID on a FTM-400:

- Press DISP button for 2 seconds
- Press Wires-X soft button briefly
- Turn and press DIAL to select DG-ID TX
- Turn DIAL to select 70
- Press DIAL to save change
- Press BACK button two (2) times



To set Wires-X DG-ID on a FTM100D:

- Long press DISP
- Turn DIAL to Wires-X #7
- Short press DISP
- Turn dial to DG-ID #2
- Short press DISP
- Press Back button twice

