Accessing a WIRES-X node station utilizing DG-ID

To access a WIRES-X node station that is using a DG-ID, it is necessary to set the transmit and receive DG-ID number of the FT-991/A to correspond to the DG-ID number set in the WIRES-X node station.

(1) Connecting to a WIRES-X node in the C4FM mode (Recommended)

Example: If the WIRES-X node station that you want to access is set to DG-ID number “50”, then set the transceivers transmit & receive DG-ID number to “50” into the DG-ID memory “01”.

Register the DG-ID number in the DG-ID memory

1. Touch and hold [GM].
   The DG-ID LIST is displayed.

2. Rotate the MULTI knob to select the DG-ID “01” memory register to store the TX and RX DG-ID numbers.
   The DG-ID of memory “00” is fixed at “TX 00, RX 00” and cannot be changed.

3. Touch [TX].
   The transmit DG-ID number setting screen is displayed.

4. Enter the “50” of the DG-ID number, touching the keys on the LCD.

5. Touch [ENT].

6. Touch [RX].
   The receive DG-ID number setting screen is displayed.

7. Enter the “50” of the DG-ID number, touching the keys on the LCD.

8. Touch [ENT].

9. Touch [TAG].
   The input screen of the DG-ID tag is displayed. Use the keys on the LCD to input the characters of the DG-ID tag. Up to 8 characters can be entered.

10. Touch [ENT] to save the setting and return to DG-ID LIST screen.
11. Touch [BACK] to save the setting and return to normal operation.

The transmit and receive DG-ID default number is set to “00”.

Recall and use the DG-ID number registered in the DG-ID memory
1. Touch and hold [GM].
   The DG-ID LIST is displayed.

2. Rotate the MULTI knob to select the DG-ID memory number “01”.
3. Touch [SELECT].
   A check mark is attached to the selected DG-ID list number, and the number and tag are shown in green.

4. Touch [BACK] to return to normal operation.
   This completes the recalling of the DG-ID.
   When using the DG-ID memory, the tag of the DG-ID memory being used is displayed every 3 seconds. If the DG-ID memory is “00”, the DG-ID memory tag is not displayed.

5. Transmit on the corresponding transmit/receive frequency.
   • If the signal is received from the node, continue to transmit using the DG-ID setting as is.
   • If the signal is not received from the node, proceed to (2) Connecting to the other node ID or the other room ID
(2) Connecting to the other node ID or the other room ID

1. Press the [MENU(SETUP)] button.
2. Rotate the MULTI knob to select “153 WIRES DG-ID”.
3. Touch [SELECT].
4. Rotate the MULTI knob to set the WIRES-X DG-ID to the same ID number as the node station.
   
   01 - 99   Only nodes matching the set DG-ID number may be connected.
   AUTO     Only open nodes, set to the DG-ID number “00” may be connected.

   The default setting is “AUTO”.

5. Touch [ENTER].
6. Touch [BACK] to save the setting and return to normal operation.
7. Press the [F(M-LIST)] button.
8. Touch [X].
   When a local node is found, “X” will be lit solid.

   For details on the WIRES-X functions operations, such as changing the node station destination connection; refer to the FT-991/A Instruction Manual (WIRES-X Edition) on the Yaesu website.