



IDT Communication Technology Ltd.

萬威通訊科技有限公司

EVR-100

VHF Marine Radio

Owner's Manual

1. Your radio has the following features:

Congratulations on your purchase of a Eagle EVR-100 marine band VHF radio. It provides the following useful features:

Prominent channel display

Adjustable keypad backlighting for easy night-time use

Waterproof and submersible to comply with JIS-7

Choice of High or Low (7 W or 1 W) transmission power

Top centered PTT button for comfortable left- or right-handed use

Powerful 4 W external audio output

Access to all currently-available marine VHF channel bands (USA, Canada, International) including Weather channels where available

Special CH16 or CH16/9 key for quick access to the priority (international distress) channel

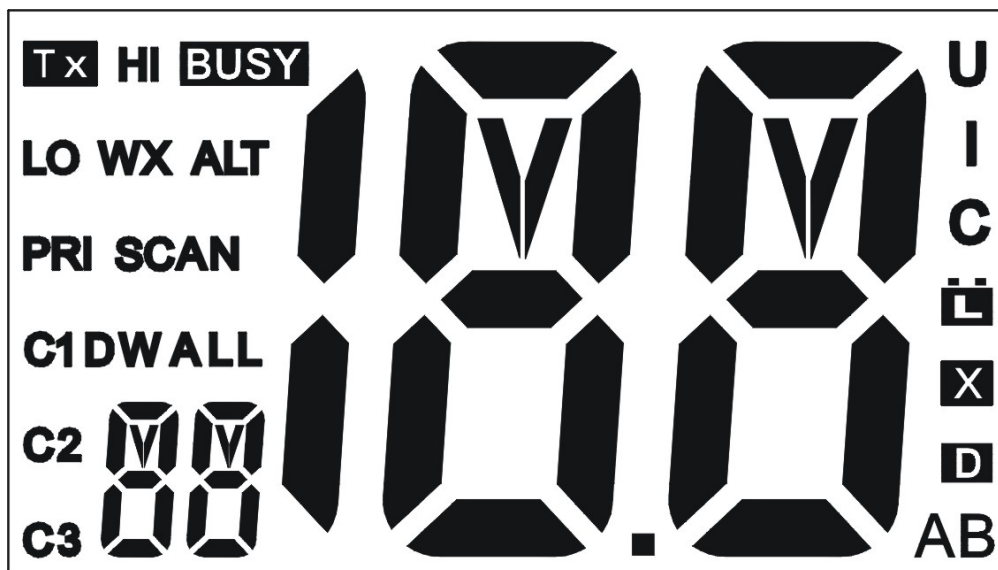
Special 3CH key to select your three favorite channels

Weather alert facility where available



Squelch Adjustment to help eliminate noise between transmissions.

Battery Level Indicator ----shows the battery condition.

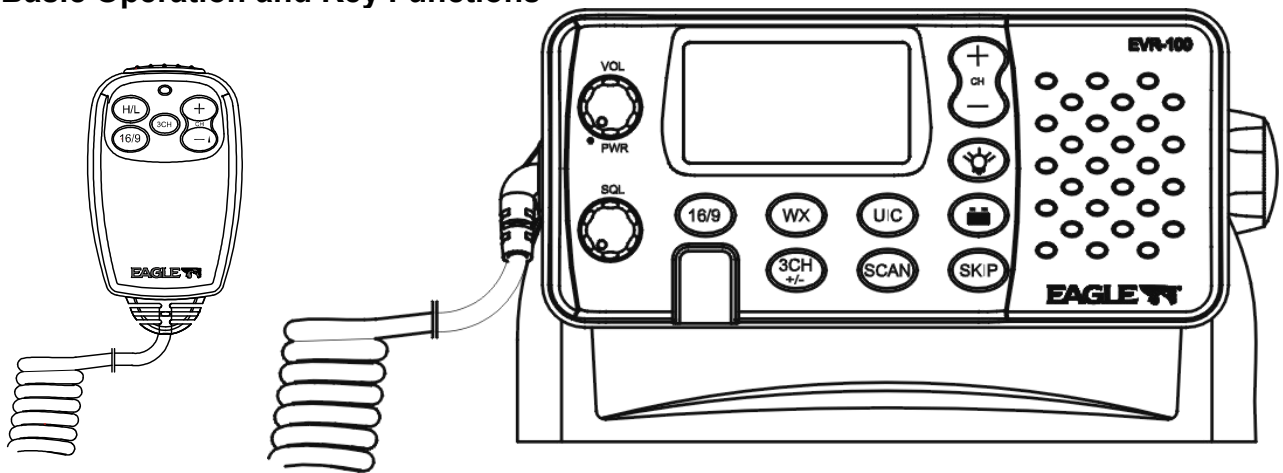
2. LCD Symbols and Meanings



| Symbol | Meaning |
|--------|---|
| TX | Transmitting |
| HI LO | Transmission power, High (H) 7W or Low (LO) 1W. |
| BUSY | Receiver busy with an incoming signal |
| WX | Weather channel |
| WX ALT | Weather Alert. Alarm beeps will sound. |
| PRI | Priority channel is selected |
| SCAN | Scanning channels |
| DW | Dual Watch mode |

| | |
|---|--|
| ALL | ALL channels scan mode |
| C1 C2 C3 | Shows which of the 3 favourite channels, if any, are selected. Otherwise blank |
| 88 (small) | |
| 18.8 (BIG) | Channel selected |
| U I C | Selected Channel bank for VHF radio operations and regulations (USA, International, Canada) |
|  | Low Battery warning (activates at 10.5V) |
|  | Channel is temporarily deleted from the ALL SCAN operation |
| A B | Channel suffix, if applicable |

3. Basic Operation and Key Functions



| Key | Function |
|---------|--|
| VOL/PWR | Volume and Power. Turn clockwise to power on. Continue to turn until a comfortable volume is reached. VOL/PWR will also adjust the settings of an external speaker, if connected |
| SQL | Squelch or Threshold Level. Sets the threshold level for the minimum receiver signal. Turn fully counterclockwise until random noise is heard, then turn slowly clockwise until the random noise disappears. Make another 1/4 turn clockwise for best reception in open sea conditions. In areas of high noise (e.g. close to large cities) reception may improve if sensitivity is reduced. Either turn SQL slowly clockwise or use the LOCAL setting. See section 2.3. |
| 16/9 | Priority Channel. <i>Also on the microphone.</i> Press to cancel all other modes and to tune into the priority channel. Press again to return to your original channel. The default is Channel 16. To make Channel 09 the priority channel, hold down 16/9 until a beep sounds and 09 is displayed. |
| WX | Weather Channel. In USA and Canadian waters, press to hear the most recently selected weather station. The WX symbol is displayed on the LCD. Press + or - to change to a different weather channel. Press WX again to return to the most recent channel. If the weather alert mode (ALT) is ON and an alert tone of 1050Hz is broadcast from |

the weather station, it is picked up automatically and the alarm sounds. Press any key to hear the weather alert voice message.

UIC **Channel Bank.** Press to toggle between USA, International or Canadian channel banks. The selected channel bank is displayed on the LCD along with the last used channel. All the channel charts are shown in Appendix.

3CH +/- **Three Favourite Channels.** *Also on the microphone.* Press to toggle between your favourite channels. The C1, C2, or C3 symbol appears on the LCD to show which favourite channel is selected.

To scan only one of your favourite channels, press 3CH then immediately press and release SCAN. If you want to scan all three favourite channels, press 3CH then immediately press and hold SCAN.

To add a favourite channel for the first time, select that channel then hold 3CH to store it in the CH1 location. Repeat the procedure to store two more favourite channels in the CH2 and CH3 locations respectively.

If you try and add another favourite channel it will overwrite the existing CH1. CH2 and CH3 remain unless you delete them.

To delete a favourite channel, select that channel then hold down 3CH until the C1, C2 or C3 symbol disappears on the LCD.

SCAN **Scan.** Press to scan between your current channel and the priority channel in DUAL or TRI WATCH mode. The weather channel is also scanned if the USA channel bank is selected and the weather alert mode (ALT) is ON.

Hold down SCAN to enter ALL SCAN mode where the priority channel is checked every 1.5 seconds.

When a signal is received, scanning stops at that channel and BUSY appears on the screen. If the signal ceases for more than 5 seconds, the scan restarts.

Press ENT to temporarily skip over (lock out) an "always busy" channel when in ALL SCAN mode and resume the scan. An X is shown on the screen to designate a skipped channel. Note that it is not possible to skip over the priority channel.

Press SCAN again to stop at the current channel.


+ CH - **Channel Select.** *Also on the microphone.* The current channel is shown on the screen in BIG digits with an appropriate designator suffix A or B in small letters below the channel number.

Press + or - to step through the available channels one at a time, or hold down to scroll rapidly through all the available channels. See Appendix for a listing of channel charts.



Backlight switch Press to turn on the backlighting, press again to turn off

Battery Level Check Press to check the input battery voltage, battery level will appear on the LCD, 5 seconds later will disappear automatically

SKIP **Escape from ALL scan** To temporarily deleted the channel in ALL scan, select the channel then press the SKIP, the channel will be skipped in the later scanning,  symbol appears on the LCD. Press SKIP again to cancel the escape of the channel.

H/L **Transmission Power.** *On the microphone ONLY* High (HI) 7W or Low (LO) 1W. Press to toggle between high or low transmission power for the entire channel bank. The HI or LO selection is shown on the LCD.

Some channels allow only low power transmissions. Error beeps will sound if the

power transmission setting is incorrect.

Some channels allow only low power transmissions initially, but can be changed to high power by holding down H/L and PTT at the same time. See Appendix for a complete listing of channel charts.

PTT **Push To Talk.** *On the microphone ONLY* Push to start the transmitting

4. Radio Operation

Turning On/Off Your Radio

Rotate **Power/volume** knob to turn the radio on or off with an indicating voice of click. And adjust the volume to a comfortable level.

Adjusting Squelch

Rotate **SQL** fully counterclockwise in advance, After **VOL** rotated to adjust the audio output level, then Rotate **SQL** clockwise until the noise disappears

Squelch is used to eliminate static and background noise and allows for silent operation of your radio until a transmission is received. If the squelch is too high, only the strongest transmissions can be heard, and when too low, intermittent static and noise are heard.

Selecting High/Low Power

Press and release this key to toggle the transmit power between high and low. When the unit is operating at low power, “Lo” appears on LCD and “Hi” appears on LCD when operating at high power.

[Some channels allow only low power transmissions. Error beeps will sound if the power transmission setting is incorrect. Some channels allow only low power transmissions initially, but can be changed to high power by holding down H/L and PTT at the same time. See Appendix for a complete listing of channel charts.]

Selecting Channels

Press the ▲/ ▼ (UP/DOWN) button to scroll through the available channels.

Note: Not all channel numbers are available in INT bands.

Transmitting and Receiving

Press and hold the Push-To-Talk (PTT) key to transmit on the selected channel, then release to receive. The TX indicator appears while transmitting.

Scanning Features

Your radio is equipped with 2 types of scan options: All Scan, 3CH Scan (Favourite Channel Scan). If there are no channels added as favourite channels, the default is All Scan. This function automatically searches for transmissions on the channel set being scanned. If a TX signal is received, the scan stops on the receiving channel as long as it is present and the SCAN indicator flashes. If the signal is lost for 3 seconds, the radio resumes scanning.

During the Scan Modes:

Press the Channel ▲/ ▼ (UP/DOWN) will escape from the SCAN mode.

Press SCAN button again to terminate the SCAN mode.

All Scan

Press and release the SCAN button to activate the All Scan function. The SCAN and ALL indicator appears on the LCD during All Scan. In All Scan mode, all channels in the channel set are scanned in sequence except the channel set as Cancel channel using SKIP button operation. After the last channel number has been scanned, the cycle repeats.

3CH Scan (Favourite Channels Scan)

Press 3CH button into 3CH shortcuts button when there is at least one favourite channel

Press and release the SCAN button to start 3CH Scan , the SCAN indicators appear on the LCD. Only the favourite channels and priority channels (CH16) are scanned in sequence.

Your radio can store up to three favourite channels. The favourite channels are the ones scanned in the 3CH Scan mode. Press 3CH shortly can access these favourite channels as shortcuts

To Add Channels to 3CH List

During normal operation mode, use the UP or DOWN key to select the desired channel for programming.

*Press and hold the **3CH** button for 3 seconds. The "C1" icon appears to indicate the current channel has been saved in first favourite channel. The similar to the second and third favourite as C2 and C3 respectively. Any number of channels can be saved as favourite channels*

To Delete Channels from 3CH List

Press 3CH shortly into 3CH shortcuts mode, press 3CH repeatedly until the channel to be deleted.

Press and Hold 3CH button more than 3 seconds until the "Cn" disappears

Monitor Modes (Dual Watch)

The Watch Modes monitor the programmed Priority Channel (CH16) and other user selected channel. The watch is halted when activity is detected on a monitored channel.

Press SCAN shortly to activate the Dual Watch mode. The "DW" indicator appears on the LCD. Dual Watch monitors the current working channel and Channel 16 in cycle. Press SCAN button to terminate Dual Watch and return to the previous working channel.

Note: During Dual Watch mode, the SCAN and Channel ▲/ ▼(UP/DOWN) button are inactive and sounds an error beep if pressed.

Monitor modes are terminated when the PTT once pressed.

NOAA WEATHER CHANNELS

To receive a NOAA weather channel, press the [WX] key from any channel. The transceiver will go to the last selected weather channel.

Press the ▲/ ▼ (UP/DOWN) button to scroll through the available channels.

To exit from the NOAA weather channels, press the [WX] key. The transceiver returns to the channel it was on prior to a weather channel. Or press 16/9 to access the priority channels

NOAA WEATHER ALERT

In the event of extreme weather disturbances, such as storms and hurricanes, the NOAA (National Oceanic and Atmospheric Administration) sends a weather alert accompanied by a 1050 Hz tone and subsequent weather report on one of the NOAA weather channels.

When the Weather Alert feature is enabled, the transceiver is capable of receiving this alert

In the Weather channel, Press and hold Wx button more than 3 seconds to active the Alert function, LCD will appears "ALT". To cancel the alert function, Press and hold WX button more than 3 seconds again, the "ALT"

will disappears on the LCD.

NOAA WEATHER ALERT TESTING

NOAA tests the alert system ever Wednesday between 11AM and 1PM. To test the QUANTUM' s NOAA Weather feature, on Wednesday between 11AM and 1PM, setup as in description above and confirm the alert is heard.

EMERGENCY (CHANNEL 16 USE)

Channel 16 is known as the Hail and Distress Channel. An emergency may be defined as a threat to life or property. In such instances, be sure the transceiver is on and set to CHANNEL 16. Then use the following procedure:

- 1. Press the microphone push-to-talk switch and say “ Mayday, Mayday, Mayday. This is , , ” (your vessel' s name).*
- 2. Then repeat once: “ Mayday, ” (your vessel' s name).*
- 3. Now report your position in latitude/longitude, or by giving a true or magnetic bearing (state which) to a well-known landmark such as a navigation aid or geographic feature such as an island or harbor entry.*
- 4. Explain the nature of your distress (sinking, collision, aground, fire, heart attack, life-threatening injury, etc.).*
- 5. State the kind of assistance your desire (pumps, medical aid, etc.).*
- 6. Report the number of persons aboard and condition of any injured.*
- 7. Estimate the present seaworthiness and condition of your vessel.*
- 8. Give your vessel' s description: length, design (power or sail), color and other distinguishing marks. The total transmission should not exceed 1 minute.*
- 9. End the message by saying “ OVER ” . Release the microphone button and listen.*
- 10. If there is no answer, repeat the above procedure. If there is still no response, try another channel.*

Resetting your Radio

You can reset many radio settings back to the factory defaults, all user setting such as favourite channels, current channel, channel bank .etc. will be cleared. To perform the reset:

1. Turn the radio OFF.
2. Simultaneously press and hold the **SCAN & UIC** buttons.
3. While continuing to hold these keys, power the radio ON. Until LCD appears “CC”, release the two buttons to finish the resetting, the LCD switches to channel 16.

Appendix A – Technical Specification

TECHNICAL SPECIFICATIONS

Eagle EVR-100

GENERAL

| | |
|-------------------|---|
| Power Supply: | 13.8V DC. |
| Current drain: | |
| Transmit | 1.5 A at 7 W Tx / 0.6A at 1W Tx |
| Receive | Less than 250mA in standby |
| Useable channels: | International, USA, Canada, Weather (country speci.c) |
| Mode: | 16K0G3E (FM) |

PHYSICAL

| | |
|------------------------|--|
| LCD display (viewing): | 41(H) x 53(W) mm |
| Dimming control: | Yes |
| Antenna connector: | SO-239 (50 ohm) |
| Temperature Range: | -15°C to +50°C |
| Waterproof: | JIS-7 |
| Dimensions: | 161(W) x 75(H) x 147(D) mm - without bracket |
| Weight: | 1.29 kg (2.8 lbs) - without microphone |
| Frequency stability: | +/- 10ppm |
| Frequency control: | PLL |
| GPS/NMEA input: | No |
| Comm. port: | 1200 baud |
| DSC: | No |

FEATURES

| | |
|---|-----|
| Flush Mount kit and dust cover: | Yes |
| Local/Distant control: | No |
| Position polling: | No |
| Group Call: | No |
| Channel Naming: | No |
| Dual watch, Favourite channel scan, All scan: | Yes |

TRANSMITTER

| | |
|-------------------------|---|
| Frequency: | 156.025 - 157.425MHz |
| Output power: | 7 W / 1 W selectable |
| Transmitter protection: | Open / short circuit of antenna |
| Max Freq deviation: | +/- 5kHz |
| Spurious & harmonics: | better than 2.5 μ W |
| Modulation distortion: | Less than 4% @ 1kHz for a +/-3kHz deviation |

RECEIVER

| | |
|-----------------------------------|---|
| Frequency: | 156.025 - 163.275 MHz |
| 12dB SINAD sensitivity: | 0.25uV |
| 20db SINAD sensitivity: | 0.35uV |
| Adjacent CH selectivity: | more than 65db |
| Spurious response: | more than 65 db |
| Inter-modulation Rejection ratio: | more than 65 db |
| Residual Noise level: | more than -40 db un-squelched |
| Audio output power: | 2 W (with 8 ohm at 10% distortion) 4 W with 4 ohm external speaker |
| Compass safe distance: | 0.5 m (1.5') |

Specification are subject to change without notice.

Appendix B – Troubleshooting

1. The transceiver will not power up.

A fuse may have blown OR there is no voltage getting to the transceiver.

- a) Check the power cable for cuts, breaks, or squashed sections.
- b) After checking the wiring, replace the 7 Amp fuse (1 spare fuse is supplied).
- c) Check the battery voltage. This must be greater than 10.5V.

2. The transceiver blows the fuse when the power is switched on.

The power wires may have been reversed.

- a) Check that the red wire is connected to the positive battery terminal, and the black wire is connected to the negative battery terminal.

3. The speaker makes popping or whining noises when the engine is running.

Electrical noise may be interfering with the transceiver.

- a) Re-route the power cables away from the engine.
- b) Add a noise suppressor to the power cable.
- c) Use resistive spark plug wires and/or use an alternator whine filter

4. No sound from the external speaker.

- a) Check that the external speaker cable is physically connected.
- b) Check the soldering of the external speaker cable.

5. Transmissions are always on low power, even when high (HI) power is selected.

The antenna may be faulty.

- a) Test the transceiver with a different antenna.
- b) Have the antenna checked out.

6. Battery symbol is displayed.

The power supply is too low or too high.

- a) Check the battery voltage. This should be at least 10.5V \pm 0.5V DC.
- b) Check the alternator on the vessel.

Frequency List

| CH | INT | | | | CH | INT | | | |
|----|-----------------|---------|------|---------|----|-----------------|---------|------|--------|
| | FREQUENCY (MHz) | | | | | FREQUENCY (MHz) | | | |
| | TX | RX | MODE | REMARK | | TX | RX | MODE | REMARK |
| 1 | 156.050 | 160.650 | D | | 60 | 156.025 | 160.625 | D | |
| 2 | 156.100 | 160.700 | D | | 61 | 156.075 | 160.675 | D | |
| 3 | 156.150 | 160.750 | D | | 62 | 156.125 | 160.725 | D | |
| 4 | 156.200 | 160.800 | D | | 63 | 156.175 | 160.775 | D | |
| 5 | 156.250 | 160.850 | D | | 64 | 156.225 | 160.825 | D | |
| 6 | 156.300 | 156.300 | S | | 65 | 156.275 | 160.875 | D | |
| 7 | 156.350 | 160.950 | D | | 66 | 156.325 | 160.925 | D | |
| 8 | 156.400 | 156.400 | S | | 67 | 156.375 | 156.375 | S | |
| 9 | 156.450 | 156.450 | S | | 68 | 156.425 | 156.425 | S | |
| 10 | 156.500 | 156.500 | S | | 69 | 156.475 | 156.475 | S | |
| 11 | 156.550 | 156.550 | S | | 70 | 156.525 | 156.525 | S | DSC |
| 12 | 156.600 | 156.600 | S | | 71 | 156.575 | 156.575 | S | |
| 13 | 156.650 | 156.650 | S | | 72 | 156.625 | 156.625 | S | |
| 14 | 156.700 | 156.700 | S | | 73 | 156.675 | 156.675 | S | |
| 15 | 156.750 | 156.750 | S | 1W Only | 74 | 156.725 | 156.725 | S | |
| 16 | 156.800 | 156.800 | S | | 77 | 156.875 | 156.875 | S | |
| 17 | 156.850 | 156.850 | S | 1W Only | 78 | 156.925 | 161.525 | D | |
| 18 | 156.900 | 161.500 | D | | 79 | 156.975 | 161.575 | D | |
| 19 | 156.950 | 161.550 | D | | 80 | 157.025 | 161.625 | D | |
| 20 | 157.000 | 161.600 | D | | 81 | 157.075 | 161.675 | D | |
| 21 | 157.050 | 161.650 | D | | 82 | 157.125 | 161.725 | D | |
| 22 | 157.100 | 161.700 | D | | 83 | 157.175 | 161.775 | D | |
| 23 | 157.150 | 161.750 | D | | 84 | 157.225 | 161.825 | D | |
| 24 | 157.200 | 161.800 | D | | 85 | 157.275 | 161.875 | D | |
| 25 | 157.250 | 161.850 | D | | 86 | 157.325 | 161.925 | D | |
| 26 | 157.300 | 161.900 | D | | 87 | 157.375 | 161.975 | D | |
| 27 | 157.350 | 161.950 | D | | 88 | 157.425 | 162.025 | D | |
| 28 | 157.400 | 162.000 | D | | | | | | |

| CH | USA | | | | CH | USA | | | |
|-----|-----------------|---------|------|-------------------|-----|-----------------|---------|------|-------------------|
| | FREQUENCY (MHz) | | | | | FREQUENCY (MHz) | | | |
| | TX | RX | MODE | REMARK | | TX | RX | MODE | REMARK |
| 01A | 156.050 | 156.050 | S | | 61A | 156.075 | 156.075 | S | |
| 03A | 156.150 | 156.150 | S | | 63A | 156.175 | 156.175 | S | |
| 05A | 156.250 | 156.250 | S | | 64A | 156.225 | 156.225 | S | |
| 6 | 156.300 | 156.300 | S | | 65A | 156.275 | 156.275 | S | |
| 07A | 156.350 | 156.350 | S | | 66A | 156.325 | 156.325 | S | |
| 8 | 156.400 | 156.400 | S | | 67 | 156.375 | 156.375 | S | 1W Only, Override |
| 9 | 156.450 | 156.450 | S | | 68 | 156.425 | 156.425 | S | |
| 10 | 156.500 | 156.500 | S | | 69 | 156.475 | 156.475 | S | |
| 11 | 156.550 | 156.550 | S | | 70 | 156.525 | 156.525 | S | DSC |
| 12 | 156.600 | 156.600 | S | | 71 | 156.575 | 156.575 | S | |
| 13 | 156.650 | 156.650 | S | 1W Only, Override | 72 | 156.625 | 156.625 | S | |
| 14 | 156.700 | 156.700 | S | | 73 | 156.675 | 156.675 | S | |
| 15 | - | 156.750 | | Rx Only | 74 | 156.725 | 156.725 | S | |
| 16 | 156.800 | 156.800 | S | | 77 | 156.875 | 156.875 | S | 1W Only |
| 17 | 156.850 | 156.850 | S | 1W Only | 78A | 156.925 | 156.925 | S | |
| 18A | 156.900 | 156.900 | S | | 79A | 156.975 | 156.975 | S | |
| 19A | 156.950 | 156.950 | S | | 80A | 157.025 | 157.025 | S | |
| 20 | 157.000 | 161.600 | D | | 81A | 157.075 | 157.075 | S | |
| 20A | 157.000 | 157.000 | S | | 82A | 157.125 | 157.125 | S | |
| 21A | 157.050 | 157.050 | S | | 83A | 157.175 | 157.175 | S | |
| 22A | 157.100 | 157.100 | S | | 84 | 157.225 | 161.825 | D | |
| 23A | 157.150 | 157.150 | S | | 85 | 157.275 | 161.875 | D | |
| 24 | 157.200 | 161.800 | D | | 86 | 157.325 | 161.925 | D | |
| 25 | 157.250 | 161.850 | D | | 87 | 157.375 | 161.975 | D | |
| 26 | 157.300 | 161.900 | D | | 88 | 157.425 | 162.025 | D | |
| 27 | 157.350 | 161.950 | D | | 88A | 157.425 | 157.425 | S | |
| 28 | 157.400 | 162.000 | D | | | | | | |

| CH | CAN | | | | CH | CAN | | | |
|-----|-----------------|---------|------|-------------------|-----|-----------------|---------|------|---------|
| | FREQUENCY (MHz) | | | | | FREQUENCY (MHz) | | | |
| | TX | RX | MODE | REMARK | | TX | RX | MODE | REMARK |
| 1 | 156.050 | 160.650 | D | | 28B | - | 162.000 | | Rx Only |
| 2 | 156.100 | 160.700 | D | | 60 | 156.025 | 160.625 | D | |
| 3 | 156.150 | 160.750 | D | | 61A | 156.075 | 156.075 | S | |
| 04A | 156.200 | 156.200 | S | | 62A | 156.125 | 156.125 | S | |
| 05A | 156.250 | 156.250 | S | | 64 | 156.225 | 160.825 | D | |
| 6 | 156.300 | 156.300 | S | | 64A | 156.225 | 156.225 | S | |
| 07A | 156.350 | 156.350 | S | | 65A | 156.275 | 156.275 | S | |
| 8 | 156.400 | 156.400 | S | | 66A | 156.325 | 156.325 | S | 1W Only |
| 9 | 156.450 | 156.450 | S | | 67 | 156.375 | 156.375 | S | |
| 10 | 156.500 | 156.500 | S | | 68 | 156.425 | 156.425 | S | |
| 11 | 156.550 | 156.550 | S | | 69 | 156.475 | 156.475 | S | |
| 12 | 156.600 | 156.600 | S | | 70 | 156.525 | 156.525 | S | DSC |
| 13 | 156.650 | 156.650 | S | 1W Only, Override | 71 | 156.575 | 156.575 | S | |
| 14 | 156.700 | 156.700 | S | | 72 | 156.625 | 156.625 | S | |
| 15 | 156.750 | 156.750 | S | 1W Only | 73 | 156.675 | 156.675 | S | |
| 16 | 156.800 | 156.800 | S | | 74 | 156.725 | 156.725 | S | |
| 17 | 156.850 | 156.850 | S | 1W Only | 77 | 156.875 | 156.875 | S | 1W Only |
| 18A | 156.900 | 156.900 | S | | 78A | 156.925 | 156.925 | S | |
| 19A | 156.950 | 156.950 | S | | 79A | 156.975 | 156.975 | S | |
| 20 | 157.000 | 161.600 | D | 1W Only | 80A | 157.025 | 157.025 | S | |
| 21 | 157.050 | 161.650 | D | | 81A | 157.075 | 157.075 | S | |
| 21A | 157.050 | 157.050 | S | | 82A | 157.125 | 157.125 | S | |
| 21B | - | 161.650 | | Rx Only | 83 | 157.175 | 161.775 | D | |
| 22A | 157.100 | 157.100 | S | | 83A | 157.175 | 157.175 | S | |
| 23 | 157.150 | 161.750 | D | | 83B | - | 161.775 | | Rx Only |
| 24 | 157.200 | 161.800 | D | | 84 | 157.225 | 161.825 | D | |
| 25 | 157.250 | 161.850 | D | | 85 | 157.275 | 161.875 | D | |
| 25B | - | 161.850 | | Rx Only | 86 | 157.325 | 161.925 | D | |
| 26 | 157.300 | 161.900 | D | | 87 | 157.375 | 161.975 | D | |
| 27 | 157.350 | 161.950 | D | | 88 | 157.425 | 162.025 | D | |
| 28 | 157.400 | 162.000 | D | | | | | | |

| CH | WX | | | | CH | WX | | | |
|------|-----------------|---------|------|--------|------|-----------------|---------|------|--------|
| | FREQUENCY (MHz) | | | | | FREQUENCY (MHz) | | | |
| | TX | RX | MODE | REMARK | | TX | RX | MODE | REMARK |
| WX01 | - | 162.550 | | | WX06 | - | 162.500 | | |
| WX02 | - | 162.400 | | | WX07 | - | 162.525 | | |
| WX03 | - | 162.475 | | | WX08 | - | 161.650 | | |
| WX04 | - | 162.425 | | | WX09 | - | 161.775 | | |
| WX05 | - | 162.450 | | | WX10 | - | 163.275 | | |