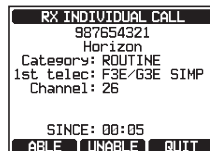4. After accepting the call, press the **[ABLE]** soft key to switch to the requested channel. (To inform the vessel that you are unable to respond, press the **[UNABLE]** soft key.)
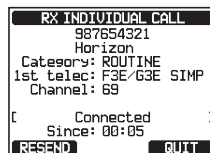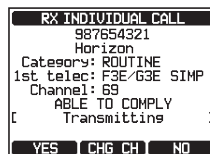
```
   RX INDIVIDUAL CALL
        987654321
         Horizon
 Category: ROUTINE
1st telec: F3E/G3E SIMP
  Channel: 26

    SINCE: 00:05
 ABLE  UNABLE   QUIT
```

5. Press the **[YES]** soft key to send an acknowledgement.
   Press the **[CHG CH]** soft key to change the channel for communication from the requested one.

```
   RX INDIVIDUAL CALL
        987654321
         Horizon
 Category: ROUTINE
1st telec: F3E/G3E SIMP
  Channel: 69
     ABLE TO COMPLY
[     Transmitting     ]

 YES   CHG CH    NO
```

6. Monitor the requested or specified channel until the message is completed.
   Press the microphone's **PTT** switch and talk into the microphone to communicate with the vessel that initiated the individual call.

7. Press the **[QUIT]** soft key to return to the channel display.

```
   RX INDIVIDUAL CALL
        987654321
         Horizon
 Category: ROUTINE
1st telec: F3E/G3E SIMP
  Channel: 69

[      Connected       ]
     Since: 00:05
 RESEND          QUIT
```
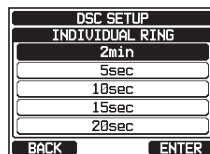
NOTE

When there is an unread individual call, "✉" icon will appear on the display. You may review the unread individual call from the DSC log, refer to the section "**10.11.2 Reviewing a Logged DSC RX Distress Call**".

10.4.6   Setting up the Individual Call Ringer

When an individual call is received the radio's default setting will produce a ringing sound for 2 minutes. This selection allows the individual call ringer time to be changed.

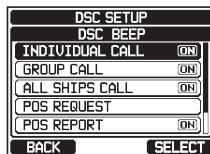1. [**MENU**] ➠ "**SETUP**" ➠ "**DSC SETUP**" ➠ "**INDIVIDUAL RING**"

2. Rotate the **DIAL/ENT** knob to select ringing time of individual calls.

3. Press the **[ENTER]** soft key to store the selected setting.

4. Press the **CLEAR** key to return to radio operation.

```
      DSC SETUP
   INDIVIDUAL RING
        2min
        5sec
        10sec
        15sec
        20sec
 BACK           ENTER
```

The **GX6000** has the capability to turn off the individual call ringer.

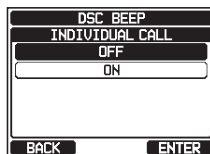1. | [MENU] ➠ "SETUP" ➠ "DSC SETUP" ➠ "DSC BEEP" |

2. Rotate the **DIAL/ENT** knob to select "**INDIVIDUAL CALL**", then press the **[SELECT]** soft key.

3. Rotate the **DIAL/ENT** knob to select "**OFF**".
4. Press the **[ENTER]** soft key to store the selected setting.
5. Press the **CLEAR** key to return to radio operation.

To enable the ringer tone, repeat the above procedure, rotating the **DIAL/ENT** knob to select "**ON**" in step 3 above.

10.5   GROUP CALL
This feature allows the user to contact a group of specific vessels using DSC radios with the group call function to automatically switch to a desired channel for voice communications. This function is very useful for yacht clubs and vessels traveling together that want to collectively make announcements on a predetermined channel. Up to 32 group MMSIs may be programmed.

10.5.1   Setting up a Group Call
For this function to operate, the same group MMSI (Maritime Mobile Service Identity Number) must be programmed into all the DSC VHF radios within the group of vessels that will be using this feature. To understand Group MMSI programming, first a ship MMSI has to be understood.

Ship MMSI: The first three digits called MID (Mobile Identity Group) of a ship MMSI denote the country where the ship's MMSI is registered. The last 6 digits are specific to the ships ID.

Ship MMSI Example: If your MMSI is "366123456", "366" is MID which denote the country and "123456" is your ships MMSI.
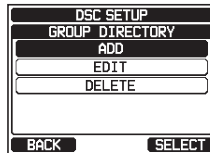
Group MMSI:
❒ Group MMSI numbers are not assigned by the FCC or other organizations licensed to assign ship MMSI numbers.
❒ The first digit of a group MMSI is always set to "0" by International rules. All Standard Horizon radios are preset so when programming a group MMSI the first digit is set to "0".
❒ The USCG recommends programming the MID of a ship MMSI into the

Second, Third and Fourth digits of the group MMSI as it denotes the area the ship is located in.
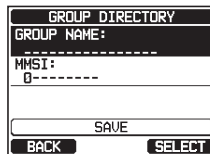
❒ The last 5 digits are decided upon by persons in the group. This is an important step as all radios in the group must contain the same group MMSI so they can be contacted by each other. There is a chance that another group of vessels may program in the same group MMSI. If this happens, simply change one or more of the last 5 digits of the group MMSI.

1. [**MENU**] ➠ "**SETUP**" ➠ "**DSC SETUP**" ➠ "**GROUP DIRECTORY**"

2. Rotate the **DIAL/ENT** knob to select "**ADD**", then press the **[SELECT]** soft key.

3. Rotate the **DIAL/ENT** knob to select "**GROUP NAME:**", then press the **[SELECT]** soft key.

4. Rotate the **DIAL/ENT** knob to scroll through the first letter of the name of the group you want to reference in the directory.

5. Press the **[SELECT]** soft key to store the first letter in the name and step to the next letter to the right.
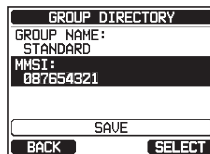
6. Repeat steps 4 and 5 until the name is complete. The name can consist of up to fifteen characters, if you do not use all eleven characters, select "→" to move to the next space. This method can also be used to enter a blank space in the name.

   If a mistake was made entering in the name, rotate the **DIAL/ENT** knob to select "←" or "→", press the **[SELECT]** soft key until the wrong character is selected, then perform steps 4 and 5.

7. When finished entering the group name (using fifteen characters or less), press the **[FINISH]** soft key to advance to the group MMSI number entry.

8. Rotate the **DIAL/ENT** knob to select "**MMSI:**", then press the **[SELECT]** soft key.

9. Rotate the **DIAL/ENT** knob to select the second number of the MMSI (nine digits: first digit permanently set to "0") which you want to contact, then press the **[SELECT]** soft key to step to the next number.

   Repeat this procedure until all eight spaces of the MMSI number are entered.
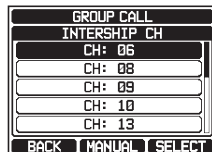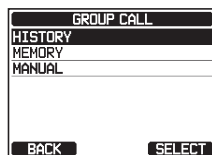
If a mistake was made entering in the MMSI number, rotate the **DIAL/ENT** knob to select "←" or "→", press the **[SELECT]** soft key until the wrong character is selected, then perform step 9.

10. When finished entering the MMSI number, press the **[FINISH]** soft key to confirm.
11. To store the data, select "**SAVE**", then press the **[SELECT]** soft key.
12. To enter another group address, repeat steps 2 through 11.
13. Press the **CLEAR** key to return to radio operation.
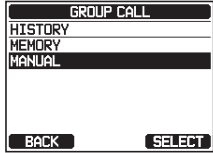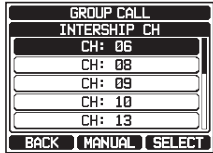
10.5.2   Transmitting a Group Call

Group Call using the Group Directory

1. [MENU] ➠ "**DSC CALL**" ➠ "**GROUP CALL**"

2. Rotate the **DIAL/ENT** knob to select "**HISTORY**" or "**MEMORY**", then press the **[SELECT]** soft key.

```
       GROUP CALL
HISTORY
MEMORY
MANUAL


  BACK         SELECT
```

3. Rotate the **DIAL/ENT** knob to select a group you want to contact, then press the **[SELECT]** soft key

```
       GROUP CALL
       HISTORY
KAREN
BOB
366901254
Horizon-1
Standard
Horizon-2
USCG
  BACK         SELECT
```

4. In the INTERSHIP CH list, rotate the **DIAL/ENT** knob to select the operating channel on which you want to communicate, then press the **[SELECT]** soft key. To select operating channels from all voice channels, press the **[MANUAL]** soft key.

```
       GROUP CALL
     INTERSHIP CH
       CH: 06
       CH: 08
       CH: 09
       CH: 10
       CH: 13
  BACK  MANUAL  SELECT
```

5. Press the **[YES]** soft key to transmit the group call signal.

```
       GROUP CALL
       087654321
     Horizon-Group
  Category: ROUTINE
1st telec: F3E/G3E SIMP
   Channel: 26

[    Do you want to    ]
[   transmit a Call?   ]
  YES             NO
```

6. When the group call signal is sent, the display will be as shown in the illustration at the right.

```
       GROUP CALL
       087654321
     Horizon-Group
  Category: ROUTINE
1st telec: F3E/G3E SIMP
   Channel: 26

[     Transmitting     ]
```

7. After the group call is transmitted, all the radios in the group will switch to the designated channel.
8. Listen to the channel to make sure it is not busy, then press the microphone's **PTT** switch to communicate with all of the vessels in the group.

```
       GROUP CALL
       087654321
     Horizon-Group
  Category: ROUTINE
1st telec: F3E/G3E SIMP
   Channel: 26

[     Transmitted      ]
[   Since: 00:05       ]
                QUIT
```

Group Call by Manually Entering an MMSI

This feature allows you to contact a group of vessels by entering in their group MMSI manually.

1. [MENU] ➠ "**DSC CALL**" ➠ "**GROUP CALL**"

2. Rotate the **DIAL/ENT** knob to select "**MANUAL**", then press the **[SELECT]** soft key.

```
         GROUP CALL
HISTORY
MEMORY
MANUAL



  BACK            SELECT
```

3. Rotate the **DIAL/ENT** knob to select the first number of the MMSI (nine digits: first digit permanently set to "0") which you want to contact, then press the **[SELECT]** soft key to step to the next number.

```
         GROUP CALL
         GROUP MMSI
        08765432█

  1 2 3 4 5 6 7 8 9 0
   ←    →    Delete
  BACK   FINISH  SELECT
```

4. Repeat step 3 to set the MMSI number.
   If a mistake was made entering in the MMSI number, rotate the **DIAL/ENT** knob to select "←" or "→", press the **[SELECT]** soft key until the wrong character is selected, then perform step.

5. When finished entering the MMSI number, press the **[FINISH]** soft key.

6. In the INTERSHIP CH list, rotate the **DIAL/ENT** knob to select the operating channel on which you want to communicate, then press the **[SELECT]** soft key. To select operating channels from all voice channels, press the **[MANUAL]** soft key.

```
         GROUP CALL
        INTERSHIP CH
        CH: 06
        CH: 08
        CH: 09
        CH: 10
        CH: 13
  BACK   MANUAL  SELECT
```

7. Press the **[YES]** soft key to transmit the group call signal.

```
         GROUP CALL
         087654321

 Category: ROUTINE
 1st telec: F3E/G3E SIMP
   Channel: 26
 [    Do you want to    ]
     transmit a Call?
   YES              NO
```

8. After the group call is transmitted, all the radios in the group will switch to the designated channel.

```
         GROUP CALL
         087654321

 Category: ROUTINE
 1st telec: F3E/G3E SIMP
   Channel: 26

 [    Transmitting      ]
```

9. Listen to the channel to make sure it is not busy, then press the microphone's **PTT** switch to communicate with all of the vessels in the group.

```
         GROUP CALL
         087654321

 Category: ROUTINE
 1st telec: F3E/G3E SIMP
   Channel: 26

 [    Transmitted       ]
     Since: 00:05
                   QUIT
```

10.5.3 Receiving a Group Call

1. When a group call is received, the **GX6000** will produce a ringing alarm sound.
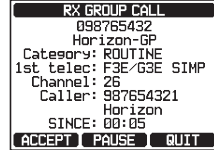2. The display shows the group MMSI number.
3. Press any key to stop the alarm.
   On the display you will notice 3 soft key selections. These selections are described below:

   [ACCEPT]: Press this key to accept the group call and to switch to requested channel.

   [PAUSE]: Press this key to temporarily disable automatic switching to the requested channel.

   [QUIT]: Press this key to quit the automatic channel switching and revert to the last selected working channel.
4. If you want to respond, monitor the channel to make sure it is clear, then press the microphone's **PTT** switch and talk into the microphone to communicate with all of the vessels in the group.
5. Press the **[QUIT]** soft key to return to radio operation.
   Note: If a key is not pressed for 30 seconds or longer the radio will automatically change to radio operation.
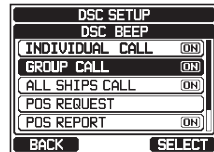
NOTE

When there is an unread group call, "✉" icon will appear on the display. You may review the unread group call from the DSC log, refer to the section "**10.11.3 Reviewing Other Logged Calls**".
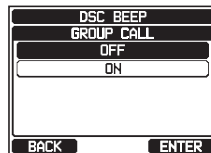
10.5.4 Setting up the Group Call Ringer

The **GX6000** has the capability to turn off the group call ringer.

1. [🔘MENU] ➠ "**SETUP**" ➠ "**DSC SETUP**" ➠ "**DSC BEEP**"

2. Rotate the **DIAL/ENT** knob to select "**GROUP CALL**", then press the **[SELECT]** soft key.

3. Rotate the **DIAL/ENT** knob to select "**OFF**".

4. Press the **[ENTER]** soft key to store the selected setting.

5. Press the **CLEAR** key to return to radio operation.

To re-enable the ringer tone, repeat the above procedure, rotating the **DIAL/ENT** knob to select "**ON**" in step 3 above.

10.6   POSITION REQUEST

Advancements in DSC have made it possible to poll the location of another vessel and show the position of that vessel on the display of the **GX6000**. Standard Horizon has taken this feature one step further, if a compatible GPS chart plotter is connected to the **GX6000**, the polled position of the vessel is shown on the display of the GPS chart plotter making it easy to navigate to the location of the polled vessel. This is a great feature for anyone wanting to know the position of another vessel. For example, your buddy that is catching fish or finding the location of a person you are cruising with.

NOTE

The other vessel must have an operating GPS receiver connected to its DSC radio and must not have its radio set to deny position requests. (Refer the section "**10.4 INDIVIDUAL CALL**" to enter information into the individual directory).

10.6.1   Setting up a Position Request Reply

The **GX6000** can be set up to automatically (default setting) or manually send your position when requested by another vessel. This selection is important if you are concerned about someone polling the position of your vessel that you may not want to. In the manual mode you will see the MMSI (Maritime Mobile Service Identity Number) or persons name shown on the display allowing you to choose to send your position to the requesting vessel.

1. [(MENU)] ➡ "**SETUP**" ➡ "**DSC SETUP**" ➡ "**POSITION REPLY**"

2. Rotate the **DIAL/ENT** knob to select "**AUTO**" or "**MANUAL**". In "AUTO" mode, after a DSC POS request is received, the radio will automatically transmit your vessel's position. In "MANUAL" mode, the display of the **GX6000** will show who is requesting the position and the **[YES]** soft key on radio has to be pressed to send your position to the requesting vessel.