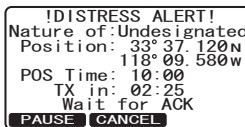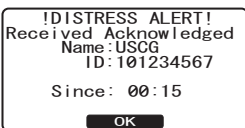4. When a DSC distress acknowledgment is received, a distress alarm sounds and Channel 16 is automatically selected. The display shows the MMSI of the ship responding to your distress.

   RECEIVED ACK: acknowledgment signal is received.

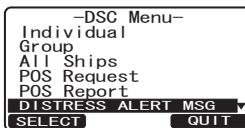   RECEIVED RLY: relay signal is received from another vessel or coast station.

```
      !DISTRESS ALERT!
Nature of:Undesignated
  Position: 33°37.120 N
           118°09.580 w
  POS Time: 10:00
     TX in: 02:25
        Wait for ACK
 PAUSE  CANCEL
```

```
      !DISTRESS ALERT!
Received Acknowledged
      Name:USCG
       ID:101234567

   Since: 00:15

          OK
```

5. Press the **PTT** switch and state your name, vessel name, number of persons on board and the distress situation, then say "over" and wait for a reply from the acknowledging ship.

6. To turn off the distress alarm before the radio retransmits the distress call, press the 16/9 key.

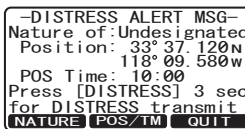*Transmitting a DSC Distress Alert with Nature of Distress*

The **GX2200** is capable of transmitting a DSC distress alert with the following "Nature of Distress" categories:

   Undesignated, Fire, Flooding, Collision, Grounding, Capsizing, Sinking, Adrift, Abandoning, Piracy, MOB

1. Press the CALL/MENU key. The "DSC Menu" will appear.

2. Rotate the **CH** knob to select "DISTRESS ALERT MSG".

```
      —DSC Menu—
 Individual
 Group
 All Ships
 POS Request
 POS Report
 DISTRESS ALERT MSG
 SELECT            QUIT
```
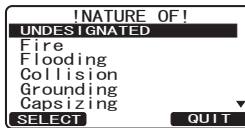
3. Press the SELECT soft key. (To cancel, press the QUIT soft key.) The "DISTRESS ALERT MSG" menu will appear on the display.

4. Press the NATURE soft key, then rotate the **CH** knob to select the desired nature of distress category.

   Nature of distress categories: Fire, Flood, Collision, Grounding, Capsizing, Sinking, Adrift, Abandoning, Piracy, and MOB.

```
 —DISTRESS ALERT MSG—
Nature of:Undesignated
  Position: 33°37.120 N
           118°09.580 w
  POS Time: 10:00
Press [DISTRESS] 3 sec
for DISTRESS transmit
 NATURE  POS/TM   QUIT
```

```
       !NATURE OF!
 UNDESIGNATED
 Fire
 Flooding
 Collision
 Grounding
 Capsizing
 SELECT            QUIT
```

5. Press the SELECT soft key.

6. Press and hold the DISTRESS key until a distress alert is transmitted.

```
       !NATURE OF!
 Undesignated
 FIRE
 Flooding
 Collision
 Grounding
 Capsizing
 SELECT            QUIT
```
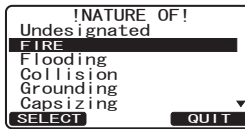
7. Perform the steps 1 through 6 of the basic operation described in the previous section.

Transmitting a DSC Distress Alert with Manual Position of Input

When the **GX2200** is not connected to a GPS receiver, you may input the latitude and longitude of your vessel manually before you send a DSC distress alert.

1. Press the ⟨CALL MENU⟩ key. The "`DSC Menu`" will appear.
2. Rotate the **CH** knob to select "`DISTRESS ALERT MSG`".
3. Press the `SELECT` soft key. (To cancel, press the `QUIT` soft key.) The "`DISTRESS ALERT MSG`" menu will appear on the display.
4. Press the `POS/TM` soft key.
5. Enter UTC time in the 24-hour format and the latitude and longitude of your vessel. Rotate the **CH** knob to select the number and press the `ENT` soft key to move the cursor to the next character. You may backspace the cursor by pressing the `BACK` soft key if you make a mistake.
6. When you have completed your selection, press and hold in the `ENT` soft key for two seconds to save the setting.
7. Press and hold the ⟨DISTRESS⟩ key until a distress alert is transmitted.
8. Perform the steps 1 through 6 of the basic operation described in the previous section.
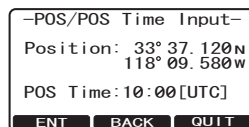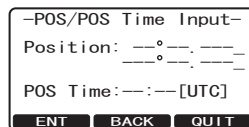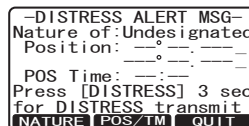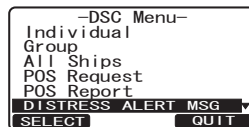
Pausing a DSC Distress Call

After a DSC distress call is transmitted, the DSC distress call is repeated every 4 minutes until the call is canceled by the user or until the radio is turned on and off again. The **GX2200** has provision to suspend (pause) the retransmitting of the distress call by the procedure below.
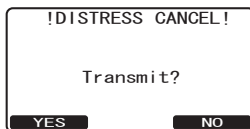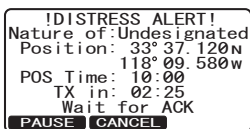
1. After the distress call is transmitted, the radio will show the top display to the right.
   Looking at this display you will notice "`TX in: 02:25`", this is the time when the radio will re-transmit the DSC distress call.
2. To suspend re-transmitting the DSC call, press the `PAUSE` soft key.
3. To resume counting down to transmit the DSC Distress call, press the `RESUME` soft key.
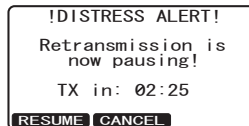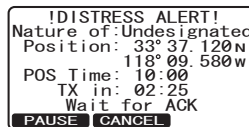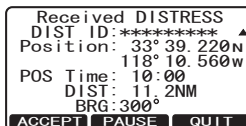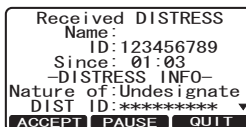
Canceling a DSC Distress Call

If a DSC distress call was sent by error the **GX2200** allows you to send a message to other vessels to cancel the distress call that was made.

Press the CANCEL soft key, then press the YES soft key.

```
   !DISTRESS ALERT!
Nature of:Undesignated
  Position: 33°37.120N
            118°09.580W
POS Time: 10:00
    TX in: 02:25
    Wait for ACK
 PAUSE  CANCEL
```

```
  !DISTRESS CANCEL!


      Transmit?


 YES              NO
```

9.3.2 Receiving a DSC Distress Call

1. When a DSC distress call is received, an emergency alarm sounds.

2. Press any key to stop the alarm.

3. The display shows the position of the vessel in distress. To show additional information of the vessel in distress, rotate the **CH** knob counter clockwise (refer to the second display).

```
 Received DISTRESS
    Name:
      ID:123456789
    Since: 01:03
    —DISTRESS INFO—
Nature of:Undesignate
   DIST ID:*********  ▼
 ACCEPT  PAUSE   QUIT
```

```
 Received DISTRESS
   DIST ID:*********  ▲
 Position: 33°39.220N
           118°10.560W
 POS Time: 10:00
     DIST: 11.2NM
      BRG:300°
 ACCEPT  PAUSE   QUIT
```

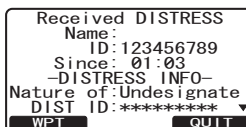On the display you will notice 3 soft key selections. These selections are described below:

ACCEPT: Press this key to accept the DSC distress call and to switch to Channel 16.

Note: If a key is not pressed for 10 seconds or longer the radio will automatically select Channel 16.

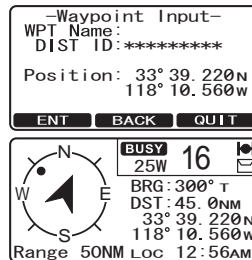PAUSE: Press this key to temporarily disable automatic switching to Channel 16.

QUIT: Press this key to quit the automatic Channel 16 switching and revert to the last selected working channel.

4. Press the WPT soft key to enter the "Waypoint Input" menu, then enter the desired waypoint name (up to 11 characters), described previously (select the letter/number by rotating the **CH** knob and move the cursor by pressing the ENT / BACK soft keys).

```
 Received DISTRESS
    Name:
      ID:123456789
    Since: 01:03
    —DISTRESS INFO—
Nature of:Undesignate
   DIST ID:*********  ▼
 WPT             QUIT
```

The ID is the MMSI from the vessel in distress.

5. When you finish entering the waypoint name, press and hold the ENT soft key to replace the display to the waypoint screen. The display indicates the distance and direction of the distressed vessel, and also the compass indicates the distressed vessel by dot (●).

6. To stop navigating to a waypoint, press one of the soft keys, then press the STOP soft key. The radio is switched to the normal mode.

```
 -Waypoint Input-
WPT Name:
 DIST ID:*********
Position: 33° 39.220N
          118° 10.560W
  ENT     BACK    QUIT
```

```
     N      BUSY   16
            25W
 W        E      BRG:300° T
                 DST:45.0NM
     S            33° 39.220N
                 118° 10.560W
Range 50NM LOC 12:56AM
```

NOTE

You must continue monitoring Channel 16 as a coast station may require assistance in the rescue attempt.

NOTE

When there is an unread distress alert, "✉" icon will appear on the display. You may review the unread distress alert from the DSC log, refer to the section "**9.13.2 Reviewing DSC Distress Logged Calls**."
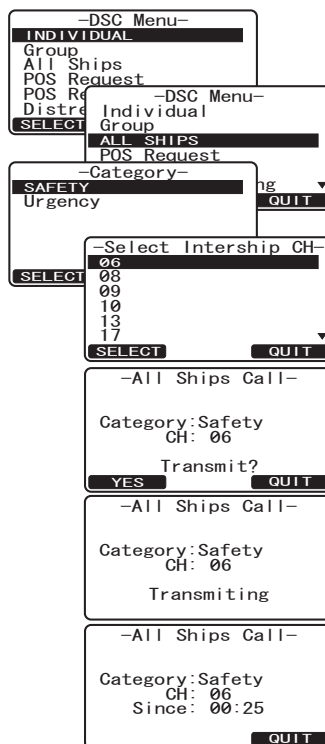
9.4   ALL SHIPS CALL

The all ships call function allows contact to be established with DSC equipped vessels without having their MMSI in the individual calling directory. Also, priority for the call can be designated as "Urgency" or "Safety".

URGENCY Call: This type of call is used when a vessel may not truly be in distress, but have a potential problem that may lead to a distress situation. This call is the same as saying "PAN PAN, PAN PAN, PAN PAN" on Channel 16.

SAFETY Call: This type of call is used to transmit boating safety information to other vessels. This message usually contains information about an overdue boat, debris in the water, loss of a navigation aid or an important meteorological message. This call is the same as saying "Securite, Securite, Securite."

9.4.1 Transmitting an All Ships Call

1. Press the 🔲 key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "All SHIPS".
3. Press the SELECT soft key. (To cancel, press the QUIT soft key.)
4. Rotate the **CH** knob to select the nature of call ("SAFETY" or "URGENCY"), then press the SELECT soft key.
5. Rotate the **CH** knob to select the operating channel you want to communicate on, then press the SELECT soft key.
6. Press the YES soft key to transmit the selected type of all ships call.
7. After the all ships call is transmitted, the transceiver will switch to the selected channel.
8. Listen to the channel to make sure it is not busy, then key the microphone and say "PAN PAN, PAN PAN, PAN PAN" or "Securite, Securite, Securite" depending on the priority of the call.
9. Press the QUIT soft key to exit the all ships call menu.

-DSC Menu-
INDIVIDUAL
Group
All Ships
POS Request
POS Re   -DSC Menu-
Distre   Individual
SELECT   Group
         ALL SHIPS
         POS Request
-Category-
SAFETY   ng
Urgency   QUIT

-Select Intership CH-
06
SELECT   08
         09
         10
         13
         17
SELECT   QUIT

-All Ships Call-

Category:Safety
    CH: 06

    Transmit?
YES   QUIT

-All Ships Call-

Category:Safety
    CH: 06

    Transmiting

-All Ships Call-

Category:Safety
    CH: 06
  Since: 00:25

              QUIT

9.4.2 Receiving an All Ships Call

1. When an all ships call is received, an emergency alarm will sound.
   The display shows the MMSI of the vessel transmitting the all ships call and the radio will change to the requested channel after 10 seconds.

```
Received All Ships
   Name:Horizon
      ID:123456789
Category:Safety
      CH: 06
   Since: 01:03
[ACCEPT] [PAUSE] [ QUIT ]
```

2. Press any key to stop the alarm.
3. Monitor the requested channel until the all ships voice communication is completed.

```
Received All Ships
   Name:Horizon
      ID:123456789
Category:Safety
      CH: 06
   Since: 01:03
            [ QUIT ]
```

   On the display you will notice 3 soft key selections. These selections are described below:

```
[BUSY] 25W USA      ✉◀▶
SOG:25.0MP
COG:123°T         06
 23°56.890N
123°56.980w
LOC 12:56AM  SAFETY
```

   ACCEPT: Press this key to accept the DSC all ships call and to switch to requested channel.
   Note: If a key is not pressed for 30 seconds or longer the radio will automatically change to the requested channel.
   PAUSE: Press this key to temporarily disable automatic switching to the requested channel.
   Note: In some cases automatically switching to a requested channel might disrupt import ongoing communications. This feature allows commercial users to suspend channel switching and stay on the working channel selected before the all ships call was received.
   QUIT: Press this key to quit the automatic channel switching and revert to the last selected working channel.

4. Press the **QUIT** key to return to the channel display.

NOTE

When there is an unread all ships call, "✉" icon will appear on the display. You may review the unread all ships call from the DSC log, refer to the section "**9.13.3 Reviewing Other Logged Calls**."
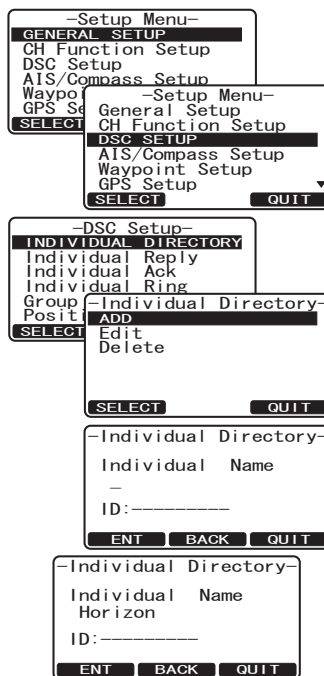
9.5   INDIVIDUAL CALL

This feature allows the **GX2200** to contact another vessel with a DSC VHF radio and automatically switch the receiving radio to a desired communications channel. This feature is similar to calling a vessel on CH16 and requesting to go to another channel (switching to the channel is private between the two stations). Up to 80 individual contacts may be programmed.

9.5.1 Setting up the Individual / Position Call Directory

The **GX2200** has a DSC directory that allows you to store a vessel or person's name and the MMSI (Maritime Mobile Service Identity Number) number associated with vessels you wish to transmit individual calls, auto polling, position request, position report, and polling transmissions.

To transmit an individual call you must program this directory with information of the persons you wish to call, similar to a cellular phones telephone directory.

1. Press and hold the CALL MENU key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the SELECT soft key, then select "INDIVIDUAL DIRECTORY" with the **CH** knob.
4. Press the SELECT soft key.
5. Select "ADD" with the **CH** knob, then press the SELECT soft key.
6. Rotate the **CH** knob to scroll through the first letter of the name of the vessel or person you want to reference in the directory.
7. Press the ENT soft key to store the first letter in the name and step to the next letter to the right.
8. Repeat steps 6 and 7 until the name is complete. The name can consist of up to eleven characters, if you do not use all eleven characters press the ENT soft key to move to the next space. This method can also be used to enter a blank space in the name.

-Setup Menu-
GENERAL SETUP
CH Function Setup
DSC Setup
AIS/Compass Setup
Waypoint Setup
GPS Setup
SELECT

-Setup Menu-
General Setup
CH Function Setup
DSC SETUP
AIS/Compass Setup
Waypoint Setup
GPS Setup
SELECT   QUIT

-DSC Setup-
INDIVIDUAL DIRECTORY
Individual Reply
Individual Ack
Individual Ring
Group
Posit
SELECT

-Individual Directory-
ADD
Edit
Delete

SELECT   QUIT

-Individual Directory-
Individual Name
 _
ID:--------
ENT   BACK   QUIT

-Individual Directory-
Individual Name
 Horizon
ID:--------
ENT   BACK   QUIT
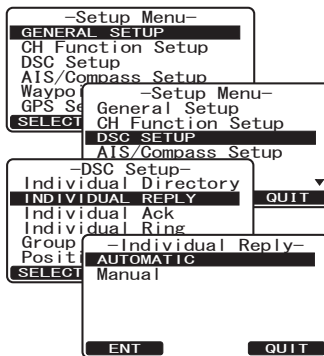
If a mistake was made entering in the name repeat pressing the `BACK` soft key until the wrong character is selected, then rotate the **CH** knob to correct the entry.

9. After the eleventh letter or space has been entered, press and hold the `ENT` soft key to advance to the MMSI number entry.

10. Rotate the **CH** knob to scroll through numbers, 0-9. To enter the desired number and move one space to the right by pressing the `ENT` soft key. Repeat this procedure until all nine space of the MMSI number are entered.
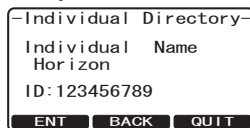
```
─Individual Directory─
 Individual  Name
  Horizon
 ID:123456789
  ENT    BACK    QUIT
```

If a mistake was made entering in the MMSI number repeat pressing the `BACK` soft key until the wrong number is selected, then rotate the **CH** knob to correct the entry.

11. To store the data entered, press and hold the `ENT` soft key.

12. To enter another individual address, repeat steps 5 through 11.

13. Press the `QUIT` soft key three times to return to radio operation.

9.5.2 Setting up the Individual Call Reply

This menu item sets up the radio to automatically (default setting) or manually respond to a DSC individual call requesting you to switch to a working channel for voice communications. When "Manual" is selected the MMSI of the calling vessel is shown allowing you to see who is calling. This function is similar to caller id on a cellular phone.

1. Press and hold the `CALL MENU` key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the `SELECT` soft key, then select "INDIVIDUAL REPLY" with the **CH** knob.
4. Press the `SELECT` soft key.
5. Rotate the **CH** knob to select "AUTOMATIC" or "MANUAL".
6. Press the `SELECT` soft key to store the selected setting.
7. Press the `QUIT` soft key two times to return to radio operation.

```
        ─Setup Menu─
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypo        ─Setup Menu─
 GPS Se   General Setup
 SELECT   CH Function Setup
          DSC SETUP
          AIS/Compass Setup
        ─DSC Setup─
  Individual Directory      ▼
 INDIVIDUAL REPLY        QUIT
 Individual Ack
 Individual Ring
 Group     ─Individual Reply─
 Posit    AUTOMATIC
 SELECT   Manual


           ENT        QUIT
```

9.5.3 Enabling the Individual Call Acknowledgment

The radio can select either reply message "Able" (default) or "Unable" when the individual reply setting (described in the previous section) is set to "AUTOMATIC".

1. Press and hold the `CALL MENU` key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the `SELECT` soft key, then select "INDIVIDUAL ACK" with the **CH** knob.
4. Press the `SELECT` soft key.
5. Rotate the **CH** knob to select "ABLE TO COMPLY" or "UNABLE".
6. Press the `ENT` soft key to store the selected setting.
7. Press the `QUIT` soft key two times to return to radio operation.
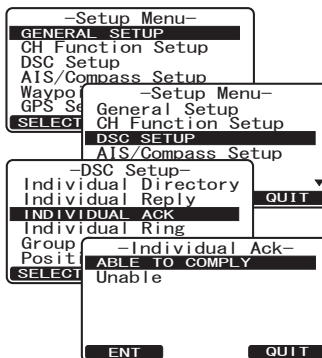
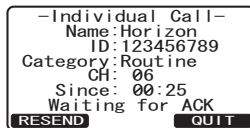### 9.5.4 Transmitting an Individual Call

This feature allows the user to contact another vessel with a DSC radio. This feature is similar to calling a vessel on CH16 and requesting to go to another channel.

Individual Call using the Individual/Position Directory

1. Press the `CALL MENU` key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "INDIVIDUAL". (To cancel, press the `QUIT` soft key.)
3. Press the `SELECT` soft key. The transceiver will beep, and the last individual calls will appear.
4. Rotate the **CH** knob to select an individual you want to contact.
   Press the `NEW ID` soft key to select an individual other than those on the display.
5. Press the `SELECT` soft key, then rotate the **CH** knob to select the operating channel you want to communicate on, then press the `SELECT` soft key.
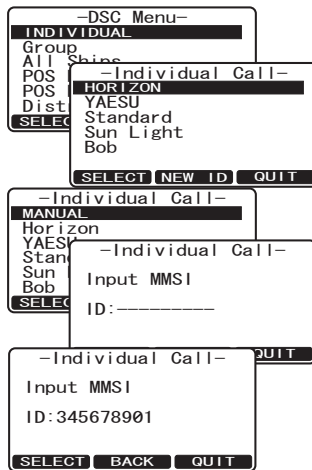6. Press the `YES` soft key to transmit the individual DSC signal.
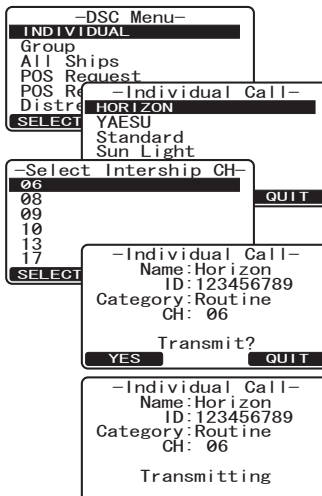
7. When an individual call acknowledgment is received, the established channel is automatically changed to the channel which is selected on step 5 above and a ringing tone sounds.

8. Press the QUIT soft key to listen to the channel to make sure it is not busy, then press the microphone's **PTT** switch and talk into the microphone to the other vessel.
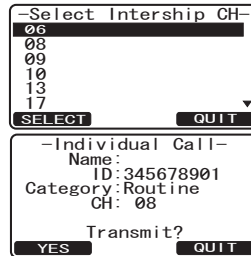
```
-Individual Call-
   Name:Horizon
      ID:123456789
Category:Routine
      CH: 06
   Since: 00:25
   Waiting for ACK
RESEND          QUIT
```

Individual Call by Manually Entering a MMSI

You may enter an MMSI number manually to contact without storing it in the individual directory.

1. Press the CALL/MENU key. The "DSC Menu" will appear.

2. Rotate the **CH** knob to select "INDIVIDUAL". (To cancel, press the QUIT soft key.)

3. Press the SELECT soft key. The transceiver will beep, and the last individual calls will appear.

4. Press the NEW ID soft key, then select "MANUAL" with the **CH** knob.

5. Press the SELECT soft key.

6. Rotate the **CH** knob to select the first number of the MMSI which you want to contact, then press the SELECT soft key to step to the next number.

```
    -DSC Menu-
 INDIVIDUAL
 Group
 All Ships
 POS     -Individual Call-
 POS   HORIZON
 Dist  YAESU
 SELEC Standard
       Sun Light
       Bob

       SELECT NEW ID  QUIT
   -Individual Call-
 MANUAL
 Horizon
 YAESU    -Individual Call-
 Stan
 Sun   Input MMSI
 Bob
 SELEC  ID:---------
   -Individual Call-            QUIT
 Input MMSI
 ID:345678901

 SELECT   BACK    QUIT
```
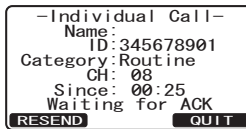
7. Repeat step 6 to set the MMSI number (nine digits).
   If a mistake was made entering in the MMSI number, repeat pressing the BACK key until the wrong number is selected, then rotate the **CH** knob to correct the entry.

8. When finished entering the MMSI number, press and hold the SELECT soft key.

9. Rotate the **CH** knob to select the operating channel you want to communicate on, then press the SELECT soft key.

10. Press the YES soft key to transmit the individual DSC signal.

```
-Select Intership CH-
 06
 08
 09
 10
 13
 17              ▼
 SELECT          QUIT
  -Individual Call-
   Name:
      ID:345678901
 Category:Routine
      CH: 08

    Transmit?
 YES            QUIT
```

11. When an individual call acknowledgment is received, the established channel is automatically changed to the channel which is selected on step 9 above and a ringing tone sounds.

12. Press the `QUIT` soft key to listen to the channel to make sure it is not busy, then press the microphone's **PTT** switch and talk into the microphone to the other vessel.

```
-Individual Call-
    Name:
       ID:345678901
 Category:Routine
       CH: 08
    Since: 00:25
    Waiting for ACK
 RESEND           QUIT
```

9.5.5 Receiving an Individual Call

When an individual DSC call is received, the radio will automatically respond (default setting) to the calling ship, and switch to the requested channel for voice communications. Refer to section "**9.5.2 Setting up the Individual Call Reply**" to change the reply to manual if you want to see who is calling before replying to the call.

Automatic reply:

1. When an individual call is received, an individual call ringing alarm sounds.
    The radio automatically switches to the requested channel. The display shows the MMSI of the vessel calling.

```
Received Individual
    Name:Horizon
       ID:123456789
 Category:Routine
       CH: 06
    Since: 01:03
       Connected
                 QUIT
```

```
BUSY  25W USA        ✉◀|▶
SOG:25.0MP          06
COG:123° T
  23° 56.890N
123° 56.980w
LOC 12:56AM   SAFETY
```

2. Press any key to stop the alarm.
3. Press the microphone's **PTT** switch and talk into the microphone to the other vessel.
4. Press the `QUIT` soft key to return to radio operation.
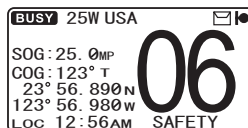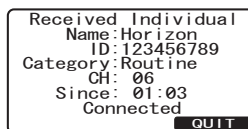
Manual reply:

1. When an individual call is received, an individual call ringing alarm sounds.
    The display shows the MMSI of the vessel transmitting the individual call and the radio will change to the requested channel after 10 seconds.

```
Received Individual
    Name:Horizon
       ID:123456789
 Category:Routine
       CH: 06
    Since: 01:03
 ACCEPT  PAUSE   QUIT
```

```
Received Individual
    Name:Horizon
       ID:123456789
 Category:Routine
       CH: 06
    Since: 01:03
       Connected
                 QUIT
```

2. Press any key to stop the alarm.
3. Monitor the requested channel until the message is completed.
    On the display you will notice 3 soft key selections. These selections are described below:
    `ACCEPT`: Press this key to accept the DSC individual call and to switch to requested channel.
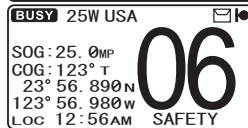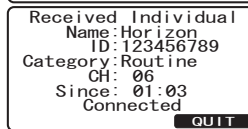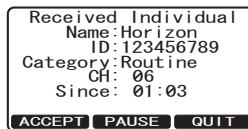
```
BUSY  25W USA        ✉◀|▶
SOG:25.0MP          06
COG:123° T
  23° 56.890N
123° 56.980w
LOC 12:56AM   SAFETY
```

Note: If a key is not pressed for 30 seconds or longer the radio will automatically change to the requested channel.

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

Note: In some cases automatically switching to a requested channel might disrupt import ongoing communications. This feature allows commercial users to suspend channel switching and stay on the working channel selected before the all ships call was received.

QUIT : Press this key to quit the automatic channel switching and revert to the last selected working channel.

4. Press the QUIT key to return to the channel display.

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 "**9.13.3 Reviewing Other Logged Calls**."

9.5.6 Setting up the Individual Call Ringer

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

1. Press and hold the CALL/MENU key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the SELECT soft key, then select "INDIVIDUAL RING" with the **CH** knob.
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select ringing time of individual calls.
6. Press the ENT soft key to store the selected setting.
7. Press the QUIT soft key two times to return to radio operation.

```
-Setup Menu-
GENERAL SETUP
CH Function Setup
DSC Setup
AIS/Compass Setup
Waypo          -Setup Menu-
GPS Se  General Setup
SELECT  CH Function Setup
        DSC SETUP
        AIS/Compass Setup
     -DSC Setup-
Individual Directory
Individual Reply          QUIT
Individual Ack
INDIVIDUAL RING
Group Directory
Position Reply
SELECT          QUIT
     -Individual Ring-
DEFAULT(2MIN)
 15 sec
 10 sec
  5 sec

 ENT          QUIT
```
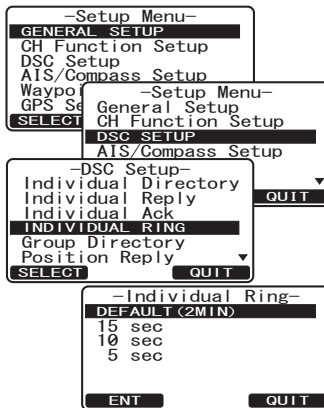
The **GX2200** has the capability to turn off the individual call ringer.

1. Press and hold the $\boxed{\text{CALL MENU}}$ key until "Setup Menu" appears.

2. Rotate the **CH** knob to select "DSC SETUP" menu.

3. Press the $\boxed{\text{SELECT}}$ soft key, then select "DSC BEEP" with the **CH** knob.

4. Press the $\boxed{\text{SELECT}}$ soft key.

5. Rotate the **CH** knob to select "Individual", then press the $\boxed{\text{ENT}}$ soft key.

6. Rotate the **CH** knob to select "Off".

7. Press the $\boxed{\text{ENT}}$ soft key to store the selected setting.

8. Press the $\boxed{\text{QUIT}}$ soft key three times to return to radio operation.
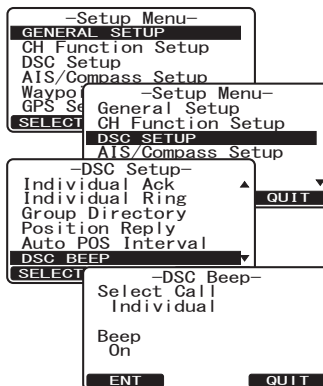
To re-enable the ringer tone, repeat the above procedure, rotating the **CH** knob to select "On" in step 6 above.

9.6   GROUP CALL

This feature allows the user to contact a group of specific vessels (e.g. members of a yacht club) using DSC radios with 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.

9.6.1 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 the ship registered for an MMSI. 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. Press and hold the [CALL MENU] key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the [SELECT] soft key, then select "GROUP DIRECTORY" with the **CH** knob.
4. Press the [SELECT] soft key, then select "ADD" with the **CH** knob.
5. Press the [SELECT] soft key.
6. Rotate the **CH** knob to scroll through the first letter of the name of the group you want to reference in the directory.
7. Press the [ENT] soft key to store the first letter in the name and step to the next letter to the right.
8. Repeat step 6 and 7 until the name is complete. The name can consist of up to eleven characters, if you do not use all eleven characters press the [ENT] soft key 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 repeat pressing the [BACK] soft key until the wrong character is selected, then rotate the **CH** knob to correct the entry.
9. After the eleventh letter or space has been entered, press and hold the [ENT] soft key to advance to the group MMSI number entry.
10. Rotate the **CH** 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 [ENT] 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 repeat pressing the [BACK] soft key until the wrong number is selected, then rotate the **CH** knob to correct the entry.
11. To store the data entered, press and hold the [ENT] soft key.
12. To enter another group address, repeat steps 5 through 11.
13. Press the [QUIT] soft key three times to return to radio operation.
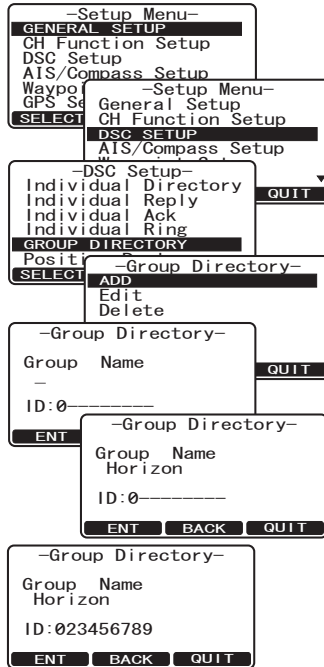
9.6.2 Transmitting a Group Call

Group Call using the Group Directory

1. Press the ⬚ key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "GROUP". (To cancel, press the QUIT soft key.)
3. Press the SELECT soft key. The transceiver will beep, and the last group calls will appear.
4. Rotate the **CH** knob to select a group you want to contact.
   Press the NEW ID soft key to select a group other than those on the display.
5. Press the SELECT soft key, rotate the **CH** knob to select the operating channel you want to communicate on, then press the SELECT soft key.
6. Press the YES soft key to transmit the group call signal.
7. When the group call signal is sent, the display will be as shown in the illustration at the right.
8. After the group call is transmitted, all the radios in the group will switch to the designated channel.
9. Listen to the channel to make sure it is not busy, then press the microphone's **PTT** switch and call the other vessel you desire to communicate with.

```
        —DSC Menu—
 INDIVIDUAL
  Group
  All Ships
  POS Request
  POS Re        —DSC Menu—
  Distre  Individual
 SELECT  GROUP
           All Ships
           POS Request
        —Group Call—        MSG
 HORIZON                    QUIT
  Sun Light
  Fisher
  USCG
  YAESU    —Select Intership CH—
 SELECT    06
           08
           09
           10
           13
           17
        —Group Call—        QUIT
        Name:HORIZON
           ID:023456789
     Category:Routine
           CH: 06
                —Group Call—
  YES       Name:HORIZON
                 ID:023456789
           Category:Routine
                 CH: 06

                 Transmiting
        —Group Call—
        Name:HORIZON
           ID:023456789
     Category:Routine
           CH: 06
         Since: 00:25
                            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. Press the 🔘 CALL/MENU key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "GROUP". (To cancel, press the QUIT soft key.)
3. Press the SELECT soft key. The transceiver will beep, and the last group calls will appear.
4. Press the NEW ID soft key, then select "MANUAL" with the **CH** knob.
5. Press the SELECT soft key.
6. Rotate the **CH** 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.
7. Repeat step 6 to set the MMSI number. If a mistake was made entering in the MMSI number, repeat pressing the BACK soft key until the wrong number is selected, then rotate the **CH** knob to correct the entry.
8. When finished entering the MMSI number, press and hold the SELECT soft key.
9. Rotate the **CH** knob to select the operating channel you want to communicate on, then press the SELECT soft key.
10. Press the YES soft key to transmit the group call signal.
11. After the group call is transmitted, all the radios in the group will switch to the designated channel.
12. Listen to the channel to make sure it is not busy, then press the **PTT** switch and talk into the microphone to the group of vessels.
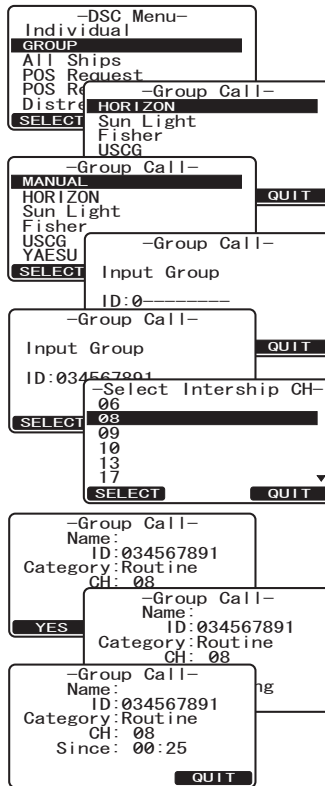
9.6.3 Receiving a Group Call

1. When a group call is received, the **GX2200** will produce a ringing alarm sound.
2. The display shows the group MMSI number.
3. Press any key to stop the alarm.

```
   Received GROUP
    Name:HORIZON
      ID:023456789
 Category:Safety
      CH: 06
   Since: 01:03
 ACCEPT  PAUSE   QUIT
```

4. Monitor the channel for the person calling the group for a message.
   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.
   Note: If a key is not pressed for 30 seconds or longer the radio will automatically change to the 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.
5. 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 the group of vessels.
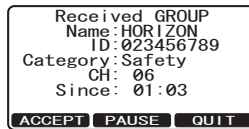
```
   Received GROUP
    Name:HORIZON
      ID:023456789
 Category:Safety
      CH: 06
   Since: 01:03
              QUIT
```

6. Press the QUIT soft key to return to radio operation.
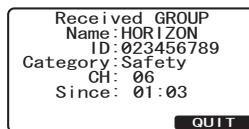
NOTE

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 "**9.13.3 Reviewing Other Logged Calls**."

9.6.4 Setting up the Group Call Ringer

The **GX2200** has the capability to turn off the group call ringer.

1. Press and hold the CALL/MENU key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the SELECT soft key, then select "DSC BEEP" with the **CH** knob.
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select "Group", then press the ENT soft key.
6. Rotate the **CH** knob to select "Off".
7. Press the ENT soft key to store the selected setting.
8. Press the QUIT soft key several times to return to radio operation.
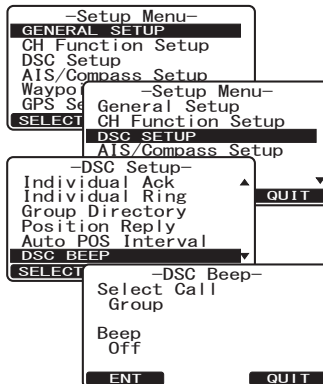
To re-enable the ringer tone, repeat the above procedure, rotating the **CH** knob to select "On" in step 6 above.

9.7   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 **GX2200**. Standard Horizon has taken this feature one step further, if any compatible GPS chart plotter is connected to the **GX2200**, 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 not to deny position requests. (Refer the section "**9.5 INDIVIDUAL CALL**" to enter information into the individual directory).

9.7.1 Setting up a Position Request Reply

The **GX2200** 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. Press and hold the CALL MENU key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the SELECT soft key, then select "POSITION REPLY" with the **CH** knob.
4. Press the SELECT soft key, then select "AUTOMATIC" or "MANUAL". In "AUTOMATIC" mode, after a DSC POS request is received, the radio will automatically transmit your vessel's position. In "MANUAL" mode, the display of the **GX2200** 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.
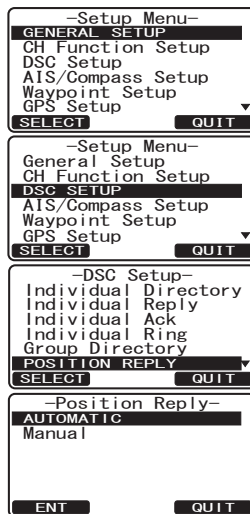
5. Press the `ENT` soft key to store the selected setting.
6. Press the `QUIT` soft key two times to return to radio operation.

9.7.2 Transmitting a Position Request to Another Vessel

Position Request using the Individual/Position Directory

1. Press the `CALL MENU` key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POS REQUEST", then press the `SELECT` soft key.
3. Rotate the **CH** knob to select a name that was stored in the individual/position directory.
   Press the `NEW ID` soft key to select an individual other than those on the display.
4. Press the `SELECT` soft key, then press the `YES` soft key to transmit the position request DSC call.
5. When the **GX2200** receives the position from the polled vessel it is shown on the radio display and also transferred to a GPS chart plotter with NMEA DSC and DSE sentences.
6. Press the `QUIT` soft key to return to radio operation.
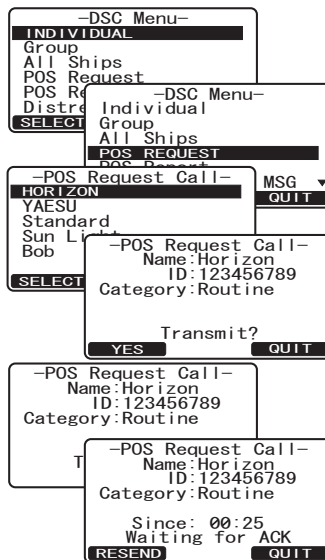
NOTE

If the **GX2200** does not receive a position data from the polled vessel, the display will show "NO POSITION DATA."

Position Request by Manually Entering an MMSI

This feature allows you to request the position of a vessel by manually entering the MMSI of the ship you want to ask the position.

1. Press the `CALL MENU` key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POS REQUEST", then press the `SELECT` soft key.
3. Press the `NEW ID` soft key.
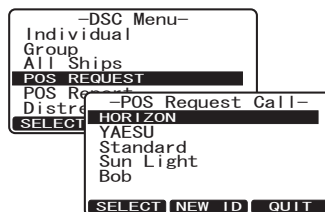
4. Rotate the **CH** knob to select "MANUAL," then press the SELECT soft key.

5. Rotate the **CH** knob to select the first number of the MMSI (nine digits) which you want to contact, then press the SELECT soft key to step to the next number.

6. Repeat step 5 to set the MMSI number. If a mistake was made entering in the MMSI number, repeatedly press the BACK soft key until the wrong number is selected, then rotate the **CH** knob to correct the entry.

7. When finished entering the MMSI number, press and hold the SELECT soft key.

8. Press the YES soft key to transmit the position request DSC call.

9. When the **GX2200** receives the position from the polled vessel it is shown on the radio display and also transferred to the GPS chart plotter with NMEA DSC and DSE sentences.

10. Press the QUIT soft key to return to radio operation.
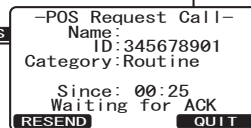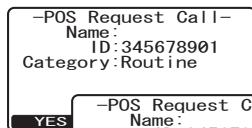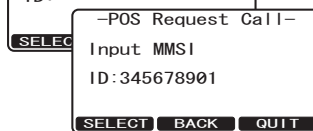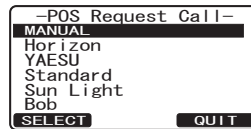
9.7.3 Receiving a Position Request

When a position request call is received from another vessel, a ringing alarm sounds and the requesting vessel's information will be shown in the display. Operation and transceiver function differs depending on "Position Reply" in the "DSC Setup" menu setting discussed below:

Automatic reply:

1. When a position request call is received, a calling alarm sounds 4 times. Then requested position coordinates are transmitted automatically to the vessel requesting your vessels position.

2. To exit from position request display, press the QUIT soft key.
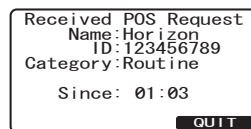
Manual reply:

1. When a position request call is received from another vessel, the display will be as shown in the illustration at the right.

```
Received POS Request
     Name:Horizon
       ID:123456789
 Category:Routine

    Since: 01:03

 REPLY            QUIT
```

2. A ringing alarm sounds 4 times. To send your vessels position to the requesting vessel, press the REPLY soft key. Or to exit from position request display, press the QUIT soft key.

```
Received POS Request
     Name:Horizon
       ID:123456789
 Category:Routine

    Since: 01:03
     Transmitted
                  QUIT
```
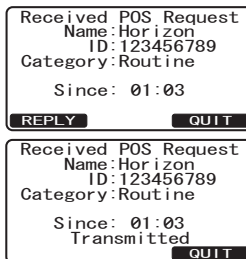
9.7.4 Setting up a Position Request Ringer

The **GX2200** has the capability to turn off the position request ringer.

1. Press and hold the CALL/MENU key until "Setup Menu" appears.

2. Rotate the **CH** knob to select "DSC SETUP" menu.

3. Press the SELECT soft key, then select "DSC BEEP" with the **CH** knob.

4. Press the SELECT soft key, then select "POS Request" with the **CH** knob.

5. Press the ENT soft key, then select "Off" with the **CH** knob.

6. Press the ENT soft key to store the selected setting.

```
    -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypo        -Setup Menu-
 GPS Se   General Setup
 SELECT   CH Function Setup
          DSC SETUP
          AIS/Compass Setup
     -DSC Setup-
 Individual Ack      ▲
 Individual Ring        QUIT
 Group Directory
 Position Reply
 Auto POS Interval
 DSC BEEP           ▼
 SELECT           QUIT
          -DSC Beep-
        Select Call
         POS Request

        Beep
         Off
        ENT            QUIT
```

7. Press the QUIT soft key several times to return to radio operation.
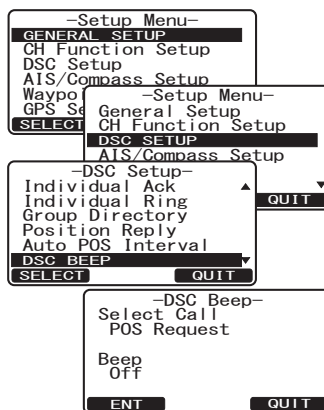
To re-enable the ringer tone, repeat the above procedure, rotating the **CH** knob to select "On" in step 5 above.

9.8   POSITION REPORT

The feature is similar to position request, however instead of requesting a position of another vessel this function allows you to send your position to another vessel. Your vessel must mark the internal GPS receiver for the **GX2200** to send the position.

NOTE

> To transmit a position report call, the **GX2200** individual directory must be programmed with stations you wish to send your position to. To setup this directory refer to section "**9.5.1 Setting up the Individual / Position Call Directory**."

9.8.1 Transmitting a DSC Position Report Call

DSC Position Report Call using the Individual/Position Directory

1. Press the (CALL MENU) key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POS REPORT". (To cancel, press the QUIT soft key.)
3. Press the SELECT soft key.
4. Rotate the **CH** knob to select the name in the directory, then press the SELECT soft key.
5. Press the YES soft key to send your position to the selected vessel.
6. Press the QUIT soft key to return to radio operation.

```
        —DSC Menu—
INDIVIDUAL
Group
All Sh        —DSC Menu—
POS Re   Individual
POS Re   Group
Distre   All Ships
SELECT   POS Request
         POS RERORT
         Distress Alert MSG ▼
   —POS Report Call—        QUIT
Manual
HORIZON
YAESU
Standard
Sun L        —POS Report Call—
Bob            Name:Horizon
SELECT           ID:123456789
             Category:Routine
   —POS Report Call—
    Name:Horizon
      ID:123456789          QUIT
  Category:Routine
              —POS Report Call—
       T        Name:Horizon
                  ID:123456789
              Category:Routine

               Since: 00:25
                Transmitted
                        QUIT
```

DSC Position Report Call Manually Entering an MMSI

This feature allows you to send your position to another vessel by manually entering the MMSI of the ship you want to send your position to.

1. Press the ⟮CALL MENU⟯ key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POS REPORT". (To cancel, press the ⟮QUIT⟯ soft key.)
3. Press the ⟮SELECT⟯ soft key. The transceiver will beep, and the POS report call menu will appear.
4. Rotate the **CH** knob to select "MANUAL", then press the ⟮SELECT⟯ soft key.
5. Rotate the **CH** knob to select the first number of the MMSI which you want to contact, then press the ⟮SELECT⟯ soft key to step to the next number.
6. Repeat step 5 to set the MMSI number. If a mistake was made entering in the MMSI number, repeatedly press the ⟮BACK⟯ soft key until the wrong number is selected, then rotate the **CH** knob to correct the entry.
7. When finished entering the MMSI number, press and hold the ⟮SELECT⟯ soft key.
8. Press the ⟮YES⟯ soft key to send your position to the selected vessel.
9. Press the ⟮QUIT⟯ soft key to return to radio operation.
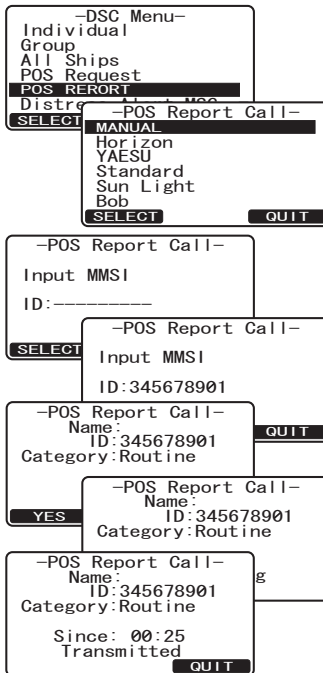
9.8.2 Receiving a DSC Position Report Call

When another vessel transmits their vessels location to the **GX2200** the following will happen:

1. A ringing sound will be produced when the call is received and NMEA sentences (DSC, DSE) are outputted so the position can be shown on a chart plotter or a computer.
2. Press any key to stop ringing.
3. Rotate the **CH** knob to see position information of the station.
4. To exit to radio mode, press the ⟮QUIT⟯ soft key.
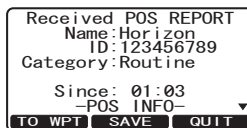
9.8.3 Navigating to a Position Report

The **GX2200** has a feature that allows navigation to a received position report call by using the compass display. Navigating to the position of a position report call may be enabled by the procedure below.

1. After the position report call has been received, press the **TO WPT** soft key.
2. To start navigating using the compass display, press and hold the **ENT** soft key until the compass page is shown. The display indicates the distance and direction of the received vessel, and also the compass indicates the received vessel by dot (●).
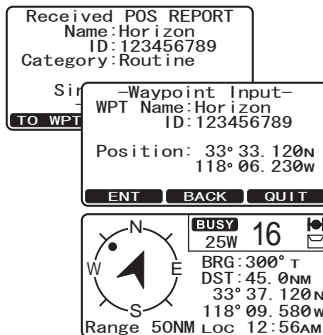
9.8.4 Stopping Navigation to a Position Report

1. Press one of the soft keys to show the key selections.
2. Press the **STOP** key. The radio will stop navigating to a the waypoint and the Normal VHF display will be shown.
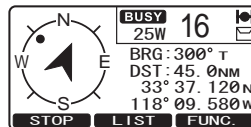
9.8.5 Saving a Position Report as a Waypoint

The **GX2200** can save a position report call in the radio's memory as a waypoint.

1. After the position report call has been received, press the **SAVE** soft key.
2. Rotate the **CH** knob to change the first letter in the name of the waypoint and press the **ENT** soft key.
3. Repeat step 2 until the WPT name is entered.
4. Press and hold the **ENT** soft key to save the waypoint into memory.
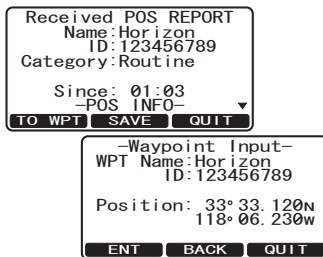
9.8.6 Navigating to a Saved Waypoint

1. Press and hold the [CALL MENU] key until "Setup Menu" appears.
2. Select "GENERAL SETUP" with the **CH** knob.
3. Press the [SELECT] soft key, then select "DISPLAY" with the **CH** knob.
4. Press the [SELECT] soft key
5. Rotate the **CH** knob to select "WAYPOINT" and press the [ENT] soft key.
6. Rotate the **CH** knob to select the waypoint name and press the [ENT] soft key.
7. Press the [ENT] key so show the compass display and to navigate to the waypoint. The display indicates the distance and direction of the saved waypoint, and also the compass indicates the saved waypoint by dot (●).
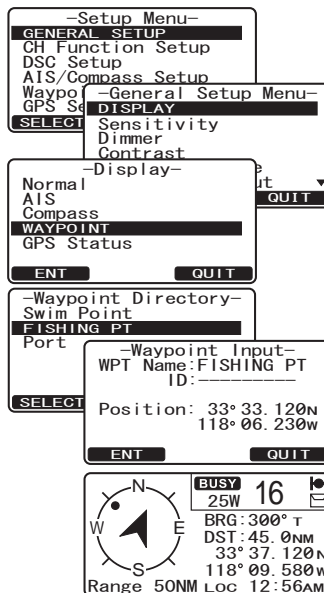
To stop the navigation to a saved waypoint, perform the steps 1 to 5 above, except selecting "NORMAL" in the step 5.

9.8.7 Setting up a Position Report Ringer

The **GX2200** has the capability to turn off the position report ringer.

1. Press and hold the (CALL MENU) key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "DSC SETUP" menu.
3. Press the SELECT soft key, then select "DSC BEEP" with the **CH** knob.
4. Press the SELECT soft key, then select "POS Report" with the **CH** knob.
5. Press the ENT soft key, then select "Off" with the **CH** knob.
6. Press the ENT soft key to store the selected setting.
7. Press the QUIT soft key several times to return to radio operation.
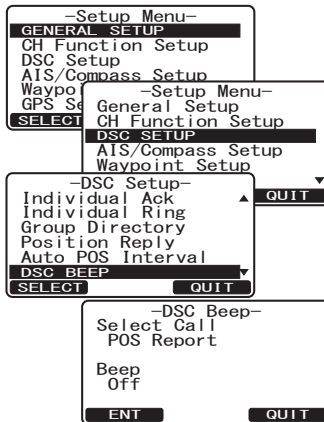
To re-enable the ringer tone, repeat the above procedure, rotating the **CH** knob to select "On" in the step 5 above.

9.9 MANUAL INPUT OF A GPS LOCATION (LAT/LON)

You may send the latitude and longitude of your vessel manually even if the **GX2200** is located in an area where GPS reception is limited.

After the position is entered, transmitting a DSC distress, position request, or position report will contain the manually entered position.

1. Press and hold the ⬚ key until "Setup Menu" appears.

2. Rotate the **CH** knob to select "GPS SETUP" menu.

3. Press the SELECT soft key, then select "POSITION INPUT" with the **CH** knob.

4. Press the SELECT soft key. The transceiver will beep, and the display will be as shown in the illustration on the right.

5. Enter the latitude/longitude of your vessel and your local UTC time in the 24-hour notation by the **CH** knob. Rotate the **CH** knob to select the number and press the ENT soft key to move the cursor to the next character. You may backspace the cursor by pressing the BACK soft key, if you make a mistake.

6. Press and hold the ENT soft key to store the selected setting.

7. Press the QUIT soft key two times to return to radio operation.

YAESU MUSEN CO., LTD.
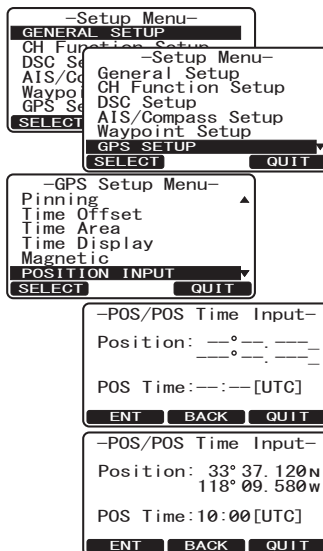
9.10 AUTO POS POLLING

The **GX2200** has the capability to automatically track four stations programmed into the individual directory.

The following procedure allows the time interval between position requests to be setup.

9.10.1 Setting up the Polling Time Interval

1. Press and hold the `CALL MENU` key until "Setup Menu" appears.

2. Rotate the **CH** knob to select "DSC SETUP" menu.

3. Press the `SELECT` soft key, then select "AUTO POS INTERVAL" with the **CH** knob.

4. Press the `SELECT` soft key.

5. Rotate the **CH** knob to select the desired interval time (30 second, 1, 2, 3, 4, 5, 10, 20, 30 and 40 minutes) and press the `ENT` soft key.

6. Press the `QUIT` soft key two times to return to radio operation.

```
-Setup Menu-
GENERAL SETUP
CH Function Setup
DSC Setup
AIS/Compass Setup
Waypo      -Setup Menu-
GPS Se  General Setup
SELECT  CH Function Setup
        DSC SETUP
        AIS/Compass Setup
```

```
-DSC Setup-
Individual Reply       ▲
Individual Ack             ▼
Individual Ring    QUIT
Group Directory
Position Reply
AUTO POS INTERVAL   ▼
SELECT          QUIT
```

```
-Auto POS Interval-
30 sec
1 MIN
2 min
3 min
4 min
5 min
ENT             QUIT
```
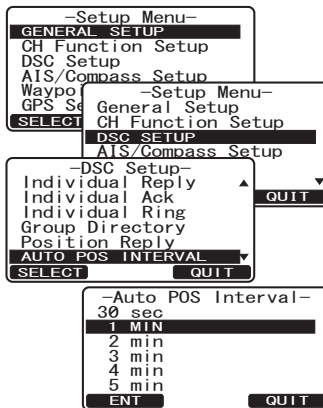
9.10.2 Selecting Stations to be Automatically Polled (Tracked)

NOTE

The radio uses the individual directory to select stations. Refer to section "**9.5.1 Setting up the Individual / Position Call Directory**" and to enter MMSI of stations you want to poll before proceeding.

1. Press the `CALL MENU` key. The "DSC Menu" will appear.

2. Rotate the **CH** knob to select "AUTO POS POLLING", then press the `SELECT` soft key.

3. Rotate the **CH** knob to select the "SELECT ADDRESS", then press the `SELECT` soft key.

4. The radio will show 4 calling stations to be selected, select "CALL 1" and press the `SELECT` soft key.

```
-DSC Menu-
INDIVIDUAL
Group
All Ships
POS Request
POS Re      -DSC Menu-
Distres Group          ▲
SELECT  All Ships
        POS Request
        POS Report
        Distress Alert MSG
        AUTO POS POLLING   ▼
        SELECT          QUIT
```

```
-Auto POS Polling-
Activation
SELECT ADDRESS
        -Auto POS Polling-
        CALL 1:
SELECT  Call 2:
        Call 3:
        Call 4:

        SELECT  CALL  QUIT
```
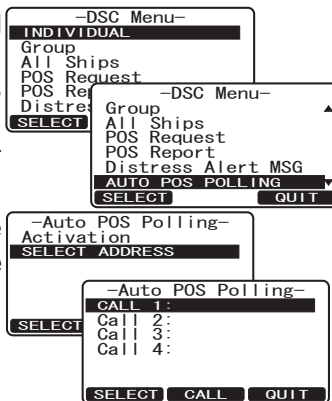
5. The radio will show the stations programmed in the individual directory. Rotate the **CH** knob to select the desired station and press the [SELECT] soft key.

6. Repeat steps 4 and 5 for CALL 2, CALL 3 and CALL 4 entries.

7. When finished, press the [QUIT] soft key three times to exit to the radio mode.
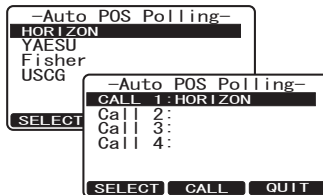
9.10.3 Enabling/Disabling Auto POS Polling

1. Press the [CALL MENU] key. The "DSC Menu" will appear.

2. Rotate the **CH** knob to select "AUTO POS POLLING", then press the [SELECT] soft key.

3. Rotate the **CH** knob to select the "ACTIVA-TION", then press the [SELECT] soft key.

4. Select "START" to enable transmissions to the stations or "STOP" to disable transmissions to stations.

5. Press the [ENT] soft key.

6. Press the [QUIT] soft key two times to return to radio operation.
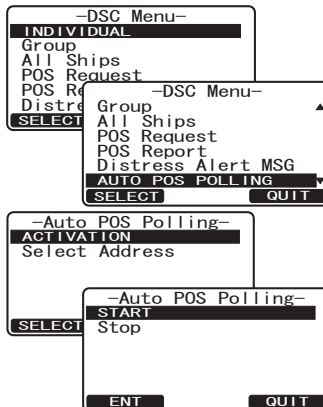
NOTE

When the radio receives position reports from a called vessel the display will show the image as in the right and also output NMEA 0183 DSC and DSE sentences to a GPS chart plotter.
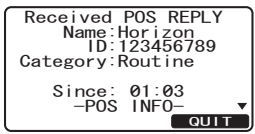
9.11 DSC TEST

This function is used to contact another DSC equipped vessel to ensure the DSC functions of the radio are operating.

NOTE

To use this feature, the radio you will be transmitting the test call to needs to have the DSC Test feature.

To perform the DSC test you will need to enter a MMSI of another vessel into the individual directory or manually enter in the MMSI using the procedure below.

9.11.1 Programming MMSI into Individual Directory

Refer to section "**9.5.1 Setting up the Individual / Position Call Directory**".

9.11.2 DSC Test call by using Individual/Position Directory

1. Press the `CALL MENU` key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "DSC TEST", then press the `SELECT` soft key.
3. Rotate the **CH** knob to select the ship name and press the `SELECT` soft key.
4. Press the `YES` soft key to transmit the DSC test call to the other vessel.
5. Press the `QUIT` soft key to return to radio operation.
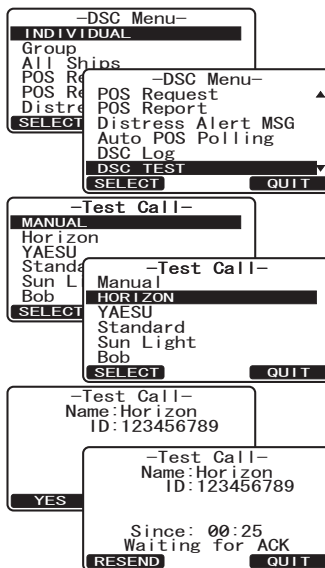
NOTE

After the radio receives a test call reply from the vessel that was called, the radio will ring and show "TEST ACK" display, which confirms the radio you called received the test call.

9.11.3 DSC Test Call by Manually Entering an MMSI

1. Press the ⟨CALL MENU⟩ key. The "DSC Menu" will appear.

2. Rotate the **CH** knob to select "DSC TEST", then press the SELECT soft key.

3. Rotate the **CH** knob to select "MANUAL" and press the SELECT soft key.

4. Rotate the **CH** knob to select the first digit in the MMSI and press the SELECT soft key.

5. Repeat step 4 until all the numbers of the MMSI are shown on the display.

6. Press and hold the SELECT soft key to show the test call page.

7. Press the YES soft key to transmit the DSC test call to the other vessel.

8. Press the QUIT soft key to return to radio operation.
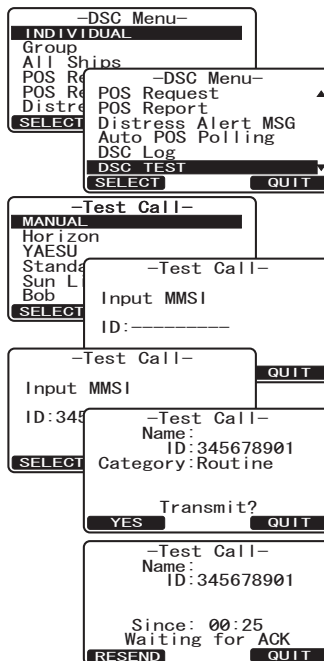
NOTE

After the radio receives a test call reply from the vessel that was called, the radio will ring and show "TEST ACK" display, which confirms the radio you called received the test call.

9.12   POLLING CALL

The **GX2200** has the capability to track another vessel.

9.12.1 Transmitting a Polling Call to Another Vessel

Polling Call using the Individual/Position Call Directory

1. Press the (CALL/MENU) key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POLLING", then press the SELECT soft key.
3. Rotate the **CH** knob to select a name that was stored in the individual/position call directory, then press the SELECT soft key.
4. Press the YES soft key to transmit the polling call.
5. After a polling call is transmitted, if the reply signal is not received, "Waiting for ACK" is shown on the display which means the **GX2200** is waiting for the vessel you called to send an acknowledgement.
6. To transmit the call again, press the RESEND soft key.
7. When an acknowledgement is received from the polled vessel, the **GX2200** will show the display as in the right.
8. Press the QUIT soft key to return to radio operation.

```
        -DSC Menu-
 INDIVIDUAL
 Group
 All Ships
 POS Request
 POS Re        -DSC Menu-
 Distre  POS Report            ▲
 SELECT  Distress Alert MSG
         Auto POS Polling
         DSC Log
         DSC Test
         POLLING
      -Polli SELECT        QUIT
 Manual
 HORIZON
 YAESU
 Standard
 Sun Light
 Bob          -Polling Call-
 SELECT         Name:Horizon
                  ID:123456789
              Category:Routine

                  Transmit?
              YES           QUIT
```

```
       -Polling Call-
        Name:Horizon
          ID:123456789
      Category:Routine

         Since: 00:25
         Waiting for ACK
      RESEND          QUIT
```

```
      Received POLLING ACK
         Name:Horizon
           ID:123456789
       Category:Routine

          Since: 00:25

                       QUIT
```

Polling Call by Manually Entering an MMSI

This feature allows you to contact a vessel by manually entering the MMSI of the ship you want to track.

1. Press the (CALL MENU) key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "POLLING", then press the SELECT soft key.
3. Rotate the **CH** knob to select "MANUAL" and press the SELECT soft key.
4. Rotate the **CH** knob to select the first number in the MMSI and press the SELECT soft key.
5. Repeat step 4 until all the digits of the MMSI are shown on the display.
6. If a mistake was made entering in the MMSI number, repeatedly press the BACK soft key until the wrong digit is selected, then rotate the **CH** knob to correct the entry.
7. When finished entering the MMSI number, press and hold the SELECT soft key.
8. Press the YES soft key to transmit the polling call.
9. Press the QUIT soft key to return to radio operation.
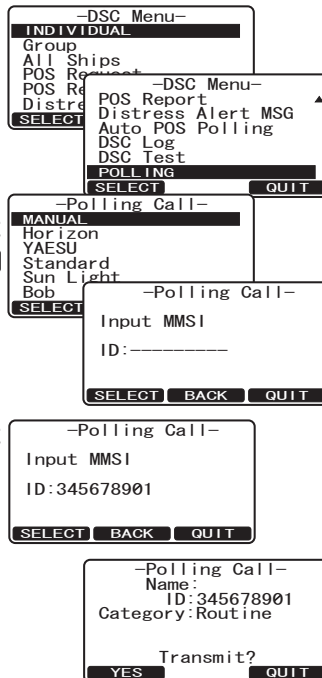
9.12.2 Receiving a Polling Call

When another vessel transmits a polling call to the **GX2200** the following will happen:

1. When a polling call is received, the radio will automatically respond to the calling vessel.
2. To exit from the polling call display, press the QUIT soft key.
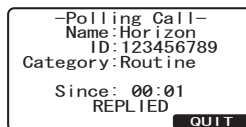
9.13   DSC LOG OPERATION

The **GX2200** logs transmitted calls, received DSC distress calls, and other calls (individual, group, all ships, etc.). The DSC log feature is similar to an answer machine where calls are recorded for review and a "⊟" icon will appear on the radios display. The **GX2200** can store up to 24 transmitted calls, up to the latest 27 distress calls, and up to the latest 64 other calls (individual, group, all ships, position report, position request ack, test call ack, and polling calls).

NOTE

When the "DSC LOG" menu is selected, the **GX2200** may display high-priority logged call automatically.

9.13.1   Reviewing and Resending a Transmitted Logged Call

The **GX2200** allows transmitted logged calls to be reviewed and to resend the call.

1.   Press the (CALL/MENU) key. The "DSC Menu" will appear.
2.   Rotate the **CH** knob to select "DSC LOG" menu.
3.   Press the SELECT soft key, then confirm "TRANSMITTED LOG" is selected.
4.   Press the SELECT soft key, then rotate the **CH** knob to select the station (name or MMSI number) you want to review and/or resend the call.
5.   Press the SELECT soft key to review details for the selected station.
6.   Press the CALL soft key to resend the call or press the QUIT soft key to go back to the DSC transmitted call list.
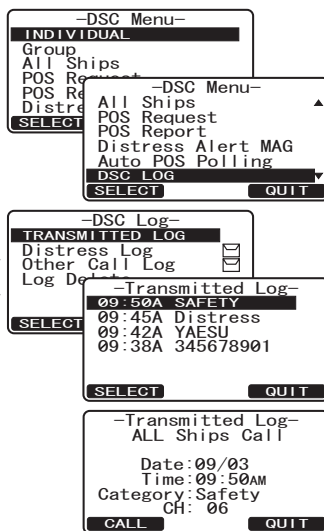
9.13.2 Reviewing a Logged DSC Distress Call

The **GX2200** allows logged DSC distress call to be reviewed.

1. Press the ⬚CALL MENU⬚ key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "DSC LOG" menu.
3. Press the ⬚SELECT⬚ soft key, then rotate the **CH** knob to select "DISTRESS LOG".
4. Press the ⬚SELECT⬚ soft key, then rotate the **CH** knob to select the station (name or MMSI number) you want to review and/or relay the distress call to other vessels.
   Note: When there is an unread received call, "⬚" icon will appear behind the station name (or MMSI number).
5. Press the ⬚SELECT⬚ soft key to review details for the selected station.
6. Press the ⬚QUIT⬚ soft key to return to radio operation.

```
—DSC Menu—
INDIVIDUAL
Group
All Ships
POS Request
POS Report
Distress Alert MSG  ▼
SELECT          QUIT
```

```
—DSC Menu—
All Ships            ▲
POS Request
POS Report
Distress Alert MAG
Auto POS Polling
DSC LOG              ▼
SELECT          QUIT
```

```
—DSC Log—
Transmitted Log
DISTRESS LOG      ✉
Other Call Log    ✉
Log Delete

SELECT          QUIT
```

```
—Distress Log—
08:15  234567891   ✉
06:36  Pamle
18:42  SUN LIGHT


SELECT          QUIT
```

```
—Distress Log—
    Distress
  Name:
    ID:234567891
  Time:08:15
    —DIST INFO—
Nature of:Undesignate▼
                QUIT
```
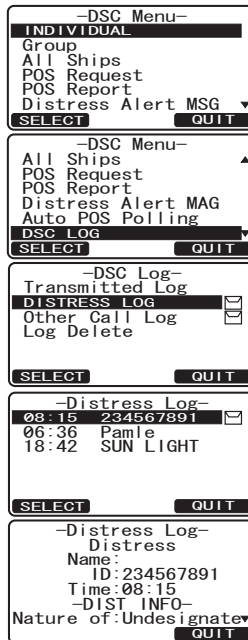
NOTE

Not all DSC radios can receive a DSC distress relay call.

9.13.3 Reviewing Other Logged Calls

1. Press the CALL MENU key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "DSC LOG" menu.
3. Press the SELECT soft key, then rotate the **CH** knob to select "OTHER CALL LOG".
4. Press the SELECT soft key, then rotate the **CH** knob to select the station (name or MMSI number) you want to review and/or call back. When there is an unread received call, "⊡" icon will appear behind the station name (or MMSI number).
5. Press the SELECT soft key to review details for the selected station.
6. Press the QUIT soft key to return to radio operation.
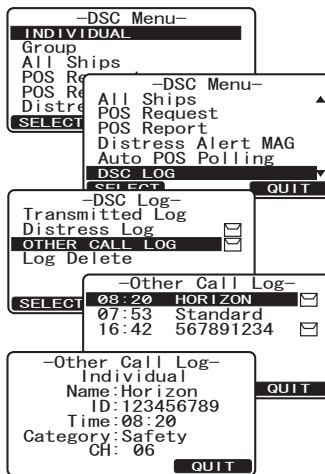
9.13.4 Deleting a Call from the DSC Log Directory

1. Press the CALL MENU key. The "DSC Menu" will appear.
2. Rotate the **CH** knob to select "DSC LOG" menu.
3. Press the SELECT soft key, then rotate the **CH** knob to select "LOG DELETE" menu.
4. Press the SELECT soft key, then rotate the **CH** knob to select the category ("TRANS-MITTED LOG", "DISTRESS LOG" or "OTHER CALL LOG") to be deleted.
5. Press the SELECT soft key, then rotate the **CH** knob to select "ALL LOG DELETE" or "VIEW LOG LIST".
   1) If you want to delete all stations at a time, select the "ALL LOG DELETE" with the **CH** knob, press the SELECT soft key.
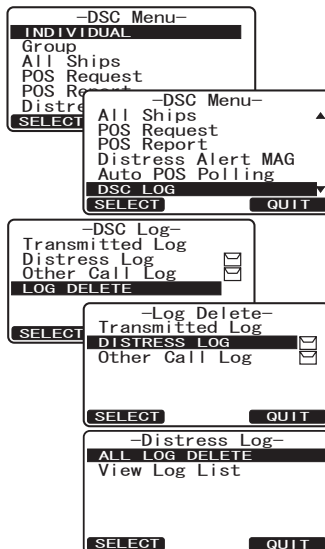
2) If you want to delete one of the logged stations, select the "VIEW LOG LIST" with the **CH** knob, then press the SELECT soft key. Rotate the **CH** knob to select the station (name or MMSI number) to be deleted, then press the DELETE soft key.

"**ALL LOG DELETE**"

```
-Distress Log-

  Delete Log
 All directory

 Are your sure?

 OK          QUIT
```

```
-Distress Log-

  Delete Log
 All directory

  Complete

             QUIT
```

"**VIEW LOG LIST**"

```
-Distress Log-
 08:15  234567891
 06:36  Pamle
 18:42  SUN LIGHT


 DELETE       QUIT
```

```
-Distress Log-

  Delete Log
  234567891

 Are your sure?

 OK          QUIT
```

```
-Distress Log-

  Delete Log
  234567891

  Complete

             QUIT
```
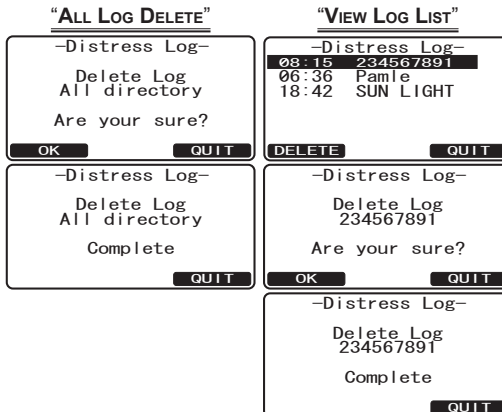
3) The display will show "Are you sure?". Press the [OK] soft key.

6. Press the [QUIT] soft key six times to return to radio operation.

10 GENERAL SETUP

The optional **CMP30** (**RAM3**) Remote Station Microphone can also change the setup menu using the following procedure.

10.1 DISPLAY

The **GX2200** can select additional screens other than the default normal (radio) display.
Refer to section "**8.5 DISPLAY TYPE**" for details.

10.2 LOCAL DISTANCE RECEIVER ATTENUATOR

In some areas, signals from external sources may cause interference to receiving marine transmissions. The **GX2200** has two selections, "Distance" - used to receive weak signals (default), and "Local" - which attenuates strong signals that may be interfering with reception.

1. Press and hold the [CALL MENU] key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "GENERAL SETUP" menu.
3. Press the [SELECT] soft key, then select "SENSI-TIVITY" with the **CH** knob.
4. Press the [SELECT] soft key.
5. Rotate the **CH** knob to select "LOCAL". The receiv-er sensitivity is now reduced.
6. Press the [ENT] soft key to store the selected level.
7. Press the [QUIT] soft key two times to return to radio operation.
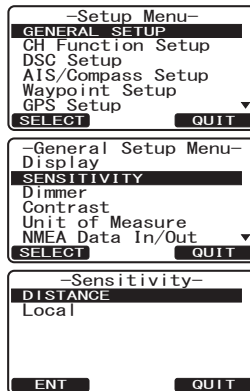
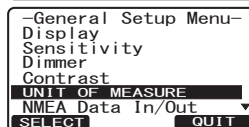To return to normal sensitivity, repeat the above procedure, rotating the **CH** knob to select "DISTANCE" in step 5 above.

NOTE

In most cases, "Distance" should be used. If "Local" is selected, remember the setting should be changed to "Distance" when navi-gating away from land to receive weak signals.

10.3 DIMMER ADJUSTMENT

This menu selection adjusts the backlight intensity.

1. Press and hold the `CALL/MENU` key until "`Setup Menu`" appears.
2. Rotate the **CH** knob to select "`GENERAL SETUP`" menu.
3. Press the `SELECT` soft key, then select "`DIMMER`" with the **CH** knob.
4. Press the `SELECT` soft key.
5. Rotate the **CH** knob to select the desired level ("`HIGH`" is default). When "`OFF`" is selected, the lamp is turned off.
6. Press the `ENT` soft key to store the selected level.
7. Press the `QUIT` soft key two times to return to radio operation.
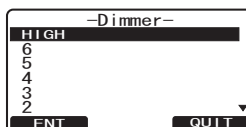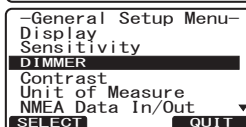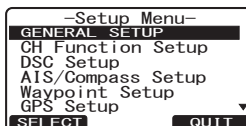
10.4 DISPLAY CONTRAST

The display contrast can be adjusted to suit overhead or dash board installations.

1. Press and hold the `CALL/MENU` key until "`Setup Menu`" appears.
2. Rotate the **CH** knob to select "`GENERAL SETUP`" menu.
3. Press the `SELECT` soft key, then select "`CONTRAST`" with the **CH** knob.
4. Press the `SELECT` soft key.
5. Rotate the **CHANNEL** selector knob to select the desired level. The contrast level can be set from "`0`" to "`31`" ("`15`" is default).
6. Press the `ENT` soft key to store the selected level.
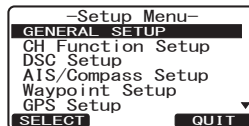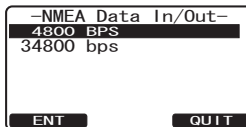7. Press the `QUIT` soft key two times to return to radio operation.
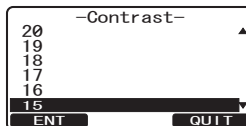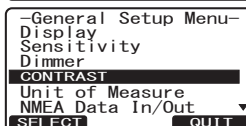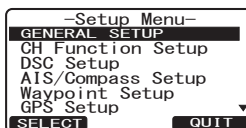
10.8 UNIT OF MEASURE

Allows navigation and AIS displays to be shown in "Knot", "Mile/Hour" or "Kilo-Meter/Hour" (for speed), "Nautical Mile" or "Kilo-Meter" (for distance), and "Feet" or "Meter" (for altitude).

NOTE

GPS fix from the internal antenna or a NMEA signal from an external GPS or chart plotter must be received.

1. Press and hold the [CALL MENU] key until "Setup Menu" appears.

2. Rotate the **CH** knob to select "GPS SETUP" menu.

3. Press the SELECT soft key, then rotate the **CH** knob to select "UNIT OF MEASURE".

4. Press the SELECT soft key.

5. Rotate the **CH** knob to select "SPEED", "DISTANCE", or "ALTITUDE" which you wish to change.

6. Press the SELECT soft key, then rotate the **CH** knob to select desired unit. Available selections are KTS (knots), MPH (mile/hour), or KMH (kilo-meter/hour) for speed, NM (nautical mile), SM (status mile) or KM (kilometer) for distance, and FT (feet) or M (meter) for altitude.

7. Press the ENT soft key to store the selected level.

8. Press the QUIT soft key three times to return to radio operation.

```
        -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup              ▼
 SELECT           QUIT
```

```
 -General Setup Menu-
 Display
 Sensitivity
 Dimmer
 Contrast
 UNIT OF MEASURE
 NMEA Data In/Out       ▼
 SELECT           QUIT
```

```
     -Unit of Measure-
 SPEED
 Distance
 Altitude


 SELECT           QUIT
```

```
       -Speed Unit-
 KTS:KNOTS
 MPH:Mile/Hour
 KMH:Kilo-Meter/Hour


 ENT              QUIT
```
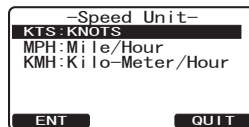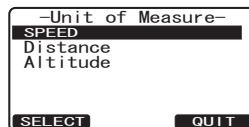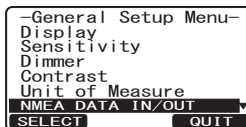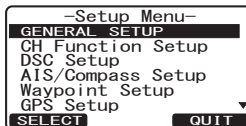
10.9 NMEA DATA IN/OUT

This menu is used to setup the NMEA 0183 baud rate of the GPS input (Blue and Green wires) and DSC output (Gray and Brown wires). The default setting is 4800 bps.

When 38400 bps is selected the AIS sentences (VDM) and DSC sentences (DSC & DSE) both are output on the Gray and Brown wires after a DSC distress, position request or AIS transmission is received.
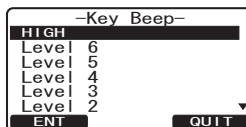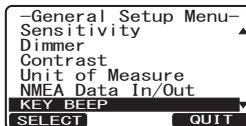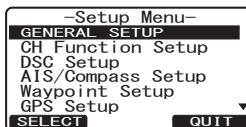
1. Press and hold the `CALL/MENU` key until "`Setup Menu`" appears.
2. Rotate the **CH** knob to select "`GENERAL SETUP`" menu.
3. Press the `SELECT` soft key, then rotate the **CH** knob to select "`NMEA DATA IN/OUT`".
4. Press the `SELECT` soft key.
5. Rotate the **CH** knob to select the desired baud rate.
6. Press the `ENT` soft key to store the new setting.
7. Press the `QUIT` soft key two times to return to radio operation.

```
-Setup Menu-
GENERAL SETUP
CH Function Setup
DSC Setup
AIS/Compass Setup
Waypoint Setup
GPS Setup          ▼
SELECT         QUIT
```

```
-General Setup Menu-
Display
Sensitivity
Dimmer
Contrast
Unit of Measure
NMEA DATA IN/OUT   ▼
SELECT         QUIT
```

```
-NMEA Data In/Out-
 4800 BPS
34800 bps



ENT            QUIT
```

10.10 KEY BEEP

This selection is used to select the beep tone volume level when a key is pressed.

1. Press and hold the `CALL/MENU` key until "`Setup Menu`" appears.
2. Rotate the **CH** knob to select "`GENERAL SETUP`" menu.
3. Press the `SELECT` soft key, then rotate the **CH** knob to select "`KEY BEEP`".
4. Press the `SELECT` soft key.
5. Rotate the **CH** knob to select the desired level. The beep level can be set from "`LEVEL 1`" to "`LEVEL 6`", "`HIGH`", or "`OFF`".
6. Press the `ENT` soft key to store the selected level.
7. Press the `QUIT` soft key two times to return to radio operation.

```
-Setup Menu-
GENERAL SETUP
CH Function Setup
DSC Setup
AIS/Compass Setup
Waypoint Setup
GPS Setup          ▼
SELECT         QUIT
```

```
-General Setup Menu-
Sensitivity        ▲
Dimmer
Contrast
Unit of Measure
NMEA Data In/Out
KEY BEEP           ▼
SELECT         QUIT
```

```
-Key Beep-
HIGH
Level  6
Level  5
Level  4
Level  3
Level  2           ▼
ENT            QUIT
```

10.11 FOG ALERT TONE FREQUENCY

The function allows the radio to be setup to send the proper fog frequency which is dependant on vessel size, shown below:

70 - 200Hz: Vessel that are 660 feet (200 meters) or more in length

130 - 350Hz: Vessel that are 247.5 feet (75 meters) or more but less than 660 feet (200 meters) in length

250 - 525Hz: Vessel that are 66 feet (20 meters) or more but less than 247.5 feet (75 meters) in length

250 - 525Hz: Vessel that are 39.6 feet (12 meters) or more but less than 66 feet (20 meters) in length

1. Press and hold the (CALL/MENU) key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "GENERAL SETUP" menu.
3. Press the SELECT soft key, then rotate the **CH** knob to select "FOG FREQUENCY".
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select the desired tone frequency.
6. Press the ENT soft key to store the selected level.
7. Press the QUIT soft key two times to return to radio operation.
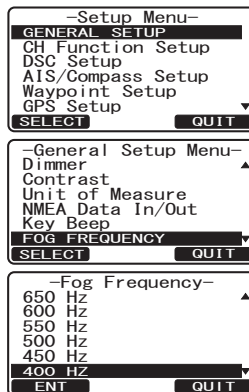
NOTE

> By default the radio Fog frequency is set to 400Hz. In most cases this frequency should not be changed unless the vessel is very large.

10.12 STATION NAME

This function allows you to change the name of the radio or second station microphone.

Example: "Radio - Cabin", "RAM1 - Flybridge"

1. Press and hold the 〔CALL/MENU〕 key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "GENERAL SETUP" menu.
3. Press the SELECT soft key, then rotate the **CH** knob to select "STATION NAME".
4. Press the SELECT soft key.
5. With the second station microphone connected, rotate the **CH** knob to select the unit ("Radio" or "RAM1") to be named, then press the ENT soft key.
6. Rotate the **CH** knob to scroll through the first letter of the new station name.
7. Press the ENT soft key to store the first letter in the name and step to the next letter to the right.

8. Repeat step 6 and 7 until the name is complete.
   The name can consist of up to eight characters, if you do not use all eight characters press the ENT soft key 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 repeatedly press the BACK soft key until the wrong character is selected, then rotate the **CH** knob to correct the entry.
9. Press and hold the ENT soft key to enter the name.
10. If you want to enter the name of the other connected **RAM3** or radio, repeat steps 5 through 9.
11. Press the QUIT soft key three times to return to radio operation.
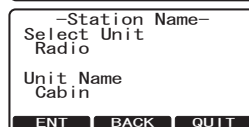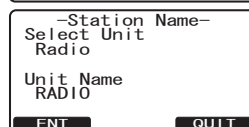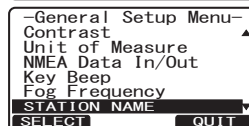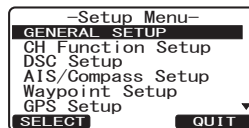
10.13 SOFT KEYS

This menu item allows selection of the number of soft keys, soft key selection and how long the display will show the soft key icon after a soft key is pressed.

1. Press and hold the (CALL MENU) key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "GENERAL SETUP" menu.
3. Press the SELECT soft key, then rotate the **CH** knob to select "SOFT KEYS".
4. Press the SELECT soft key, then rotate the **CH** knob to "NUMBER OF SOFT KEYS".
5. Press the SELECT soft key, then rotate the **CH** knob to select the number of soft keys (3 through 10).
6. Press the ENT soft key, then rotate the **CH** knob to "KEY ASSIGNMENT" (to change the use of selected soft keys).
7. Press the SELECT soft key.
8. Rotate the **CH** knob to select the key ("KEY1", "KEY2", or "KEY3") to be programmed, and press the SELECT soft key.
9. Rotate the **CH** knob to select the new function to be assigned, and press the ENT soft key. Available functions are listed in the next page. Repeat steps 8 and 9 to program the other soft keys.
10. Press the QUIT key, then rotate the **CH** knob to select "KEY TIMER" (selects how long the soft key icon will be shown on the display after a soft key is pressed; default is 5 seconds). Then, press the SELECT soft key.
11. Rotate the **CH** knob to select the time.
12. Press the ENT soft key to store the selected setting.
13. Press the QUIT soft key three times to return to radio operation.
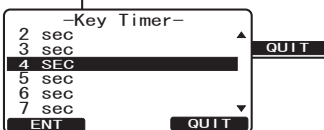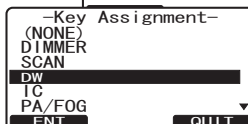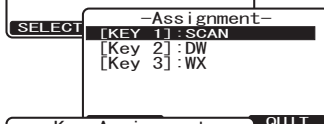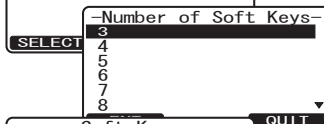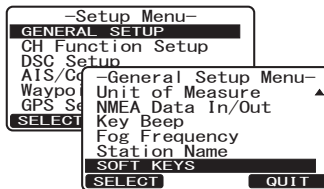
DISPLAY	FUNCTION
DIMMER	Select the menu for the display and key back light intensity
SCAN	Starts and stops scanning.
DW	Starts and stops dual watch scan.
IC	Activates intercom between radio and RAM3 mic (optional RAM3 required).
PA/FOG	Activates the PA / Fog Horn function.
CPS: COMPASS	Shows the "Compass" display.
WPT	Shows the "Waypoint" navigation display.
AIS	Shows the "AIS" display.
AIS AL	Toggles the AIS alarm "on" and "off".
PRESET	Porgrams or deletes the preset memory channel.
MARK	Mark the current position for a "Waypoint".
PSET 0 - PSET 9	Immediately recalls the preset memory channel.

11 CHANNEL FUNCTION SETUP

11.1   CHANNEL GROUP

This section selects a channel group from USA, Canada, and International.
Refer to section "**8.6   USA, CANADA, AND INTERNATIONAL MODE**" for details.

11.2   SCAN MEMORY

To be able to scan channels the radio must be programmed. This section allows channels to be stored in scan memory.
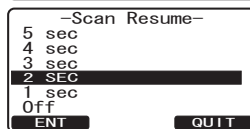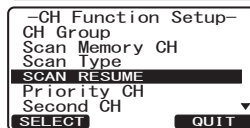Refer to section "**8.9.2 Programming Scan Memory**" for details.

11.3   SCAN TYPE
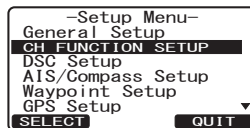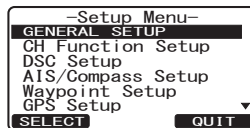
This selection is used to select the scan mode between "Memory Scan" and "Priority Scan". The default setting is "Priority Scan".
Refer to section "**8.9.1 Selecting the Scan Type**" for details.

11.4   SCAN RESUME

This selection is used to select the time the **GX2200** waits after a transmission ends before the radio start to scan channels again. The default setting is 2 seconds.

1. Press and hold the (CALL MENU) key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "CH FUNCTION SETUP".
3. Press the SELECT soft key, then select "SCAN RESUME" with the **CH** knob.
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select the desired resume time, default is 2 seconds. The resume time can be set to "1SEC" through "5SEC" or "Off". In the "Off" selection, the scanner will resume after the other station stops transmitting (carrier drops).
6. Press the ENT soft key to store the new setting.
7. Press the QUIT soft key several times to return to radio operation.

```
        —Setup Menu—
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT        QUIT
```

```
        —Setup Menu—
 General Setup
 CH FUNCTION SETUP
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT        QUIT
```

```
     —CH Function Setup—
 CH Group
 Scan Memory CH
 Scan Type
 SCAN RESUME
 Priority CH
 Second CH            ▼
 SELECT        QUIT
```

```
       —Scan Resume—
 5 sec
 4 sec
 3 sec
 2 SEC
 1 sec
 Off
 ENT           QUIT
```

11.5 PRIORITY CHANNEL

By default the radio priority channel is set to Channel 16. This procedure allows the radio to use a different priority channel used when priority scanning.

1. Press and hold the 〔CALL/MENU〕 key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "CH FUNCTION SETUP".
3. Press the SELECT soft key, then select "PRIORITY CH" with the **CH** knob.
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select the desired channel to be a priority.
6. Press the ENT soft key to store the new setting.
7. Press the QUIT soft key two times to return to radio operation.

```
      -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup          ▼
 SELECT        QUIT
```
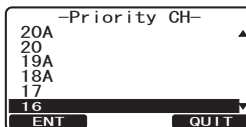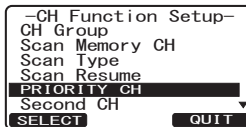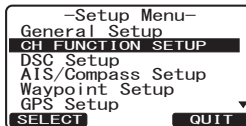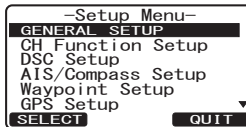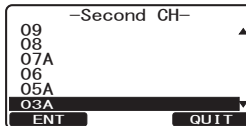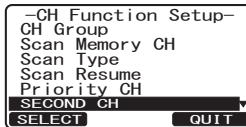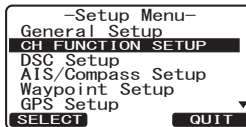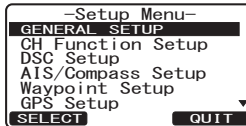
```
      -Setup Menu-
 General Setup
 CH FUNCTION SETUP
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup          ▼
 SELECT        QUIT
```

```
   -CH Function Setup-
 CH Group
 Scan Memory CH
 Scan Type
 Scan Resume
 PRIORITY CH
 Second CH          ▼
 SELECT        QUIT
```

```
      -Priority CH-
 20A                ▲
 20
 19A
 18A
 17
 16                 ▼
 ENT          QUIT
```

11.6 SECOND CHANNEL

****

1. Press and hold the 〔CALL/MENU〕 key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "CH FUNCTION SETUP".
3. Press the SELECT soft key, then select "SECOND CH" with the **CH** knob.
4. Press the SELECT soft key.
5. Rotate the **CH** knob to select the desired channel.
6. Press the ENT soft key to store the new setting.
7. Press the QUIT soft key two times to return to radio operation.

```
      -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup          ▼
 SELECT        QUIT
```

```
      -Setup Menu-
 General Setup
 CH FUNCTION SETUP
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup          ▼
 SELECT        QUIT
```

```
   -CH Function Setup-
 CH Group
 Scan Memory CH
 Scan Type
 Scan Resume
 Priority CH
 SECOND CH          ▼
 SELECT        QUIT
```

```
      -Second CH-
 09                 ▲
 08
 07A
 06
 05A
 03A                ▼
 ENT          QUIT
```

11.7 WEATHER ALERT

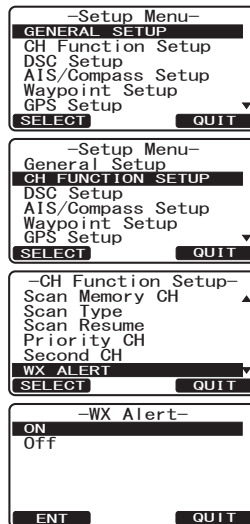Enables/disables the NOAA Weather Alert function. The default setting is "ON".

1. Press and hold the [CALL MENU] key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "CH FUNCTION SETUP".
3. Press the [SELECT] soft key, then select "WX ALERT" with the **CH** knob.
4. Press the [SELECT] soft key.
5. Rotate the **CH** knob to select "ON" or "OFF".
6. Press the [ENT] soft key to store the selected level.
7. Press the [QUIT] soft key two times to return to radio operation.

```
        -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT         QUIT
```

```
        -Setup Menu-
 General Setup
 CH FUNCTION SETUP
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT         QUIT
```

```
     -CH Function Setup-
 Scan Memory CH       ▲
 Scan Type
 Scan Resume
 Priority CH
 Second CH
 WX ALERT             ▼
 SELECT         QUIT
```

```
       -WX Alert-
 ON
 Off



 ENT            QUIT
```

11.8 CHANNEL NAME

When the radio ("Normal") mode is selected, the display will show a name under the channel number. This name describes the use of the channel. The radio has the capability to customize the name by the procedure below.

Example: CH69 PLEASURE to HOOKUP

1. Press and hold the [CALL MENU] key until "Setup Menu" appears.
2. Rotate the **CH** knob to select "CH FUNCTION SETUP".
3. Press the [SELECT] soft key, then select "CH NAME" with the **CH** knob.
4. Press the [SELECT] soft key.

```
        -Setup Menu-
 GENERAL SETUP
 CH Function Setup
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT         QUIT
```

```
        -Setup Menu-
 General Setup
 CH FUNCTION SETUP
 DSC Setup
 AIS/Compass Setup
 Waypoint Setup
 GPS Setup            ▼
 SELECT         QUIT
```

```
     -CH Function Setup-
 Scan Type            ▲
 Scan Resume
 Priority CH
 Second CH
 WX Alert
 CH NAME
 SELECT         QUIT
```