11.8.3 Navigating to the Reported Position

The **HX890** has a feature that aids navigation to a received position report call by using the compass display. Navigating to the report call may be enabled by the procedure below.

1. After the position report call has been received, press the **[INFO]** soft key.
2. Press the **[TO WPT]** soft key.
3. To start navigation using the compass display, select "GOTO" with the **CH▼/CH▲** key, then press the **[ENTER]** soft key.
   The display indicates the distance and direction of the received vessel, and also the compass indicates the received vessel with a dot (●).

Stopping Navigation to the Reported Position

1. Press one of the soft keys to show the key selections.
2. Press the **[STOP]** soft key. The radio will stop navigating to the waypoint and the normal VHF display will be shown.

11.8.4 Saving the Reported Position as a Waypoint

The **HX890** 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. If you want to change the name of the waypoint, press the **CH▼/CH▲** key to select "NAME", then press the **[SELECT]** soft key.
3. Enter the name of the waypoint you want to reference in the directory. For details, refer to **"11.5.1 Setting up the Individual Call Directory"**.
4. Press the **CH▼/CH▲** key to select "SAVE", then press the **[ENTER]** soft key to save the waypoint into memory.
5. Press the **[OK]** soft key to return to the position report display.

Navigating to a Saved Waypoint

Refer to section **"12. NAVIGATION"** for details.

11.8.5 Setting up a Position Report Ringer

The **HX890** position report ringer may be turned OFF:

Press and hold ⁞▤ᴹᴱᴺᵁᴏ key	⇨	DSC SETUP ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)	⇨	DSC BEEP ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)

1. Press the **[SELECT]** soft key, then select "POS REPORT" with the **CH▼**/**CH▲** key.
2. Press the **[SELECT]** soft key, then select "OFF" with the **CH▼**/**CH▲** key.
3. Press the **[SELECT]** soft key to store the selected setting.
4. Press the **CLR** key to return to radio operation.
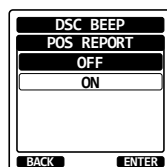
To re-enable the ringer tone, repeat the above procedure, pressing the **CH▼**/ **CH▲** key to select "ON" in the step 6 above.

11.9   AUTO POS POLLING

The **HX890** has the capability to automatically track seven vessels programmed into the individual directory, or to automatically send your position information to the programmed stations.

11.9.1 Setting up the Polling Operation

Press and hold ⁞▤ᴹᴱᴺᵁᴏ key	⇨	DSC SETUP ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)	⇨	AUTO POS POLLING ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)

1. Press the **CH▼**/**CH▲** key to select the desired operation (AUTO POS REQUEST and AUTO POS REPORT), and press the **[ENTER]** soft key.
2. Press the **CLR** key to return to radio operation.
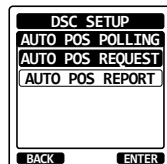
11.9.2 Setting up the Polling Time Interval

Press and hold ⁞▤ᴹᴱᴺᵁᴏ key	⇨	DSC SETUP ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)	⇨	AUTO POS TIME ⇨ (🔼 / 🔽 key)	⇨	SELECT ⇨ (▭ key)

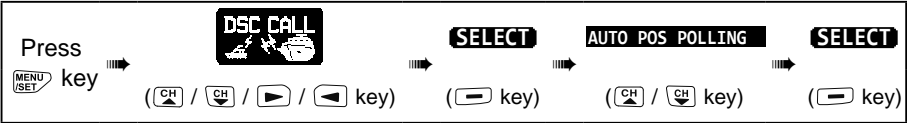1. Press the **CH▼/CH▲** key to select the desired interval time (30 second, 1, 2, 3, or 5 minutes) and press the **[ENTER]** soft key.
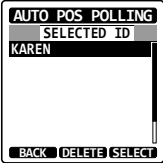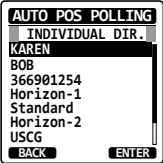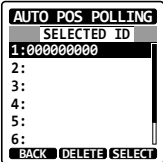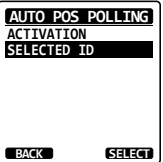2. Press the **CLR** key to return to radio operation.

```
DSC SETUP
AUTO POS TIME
 30sec
 1min
 2min
 3min
 5min
BACK        ENTER
```

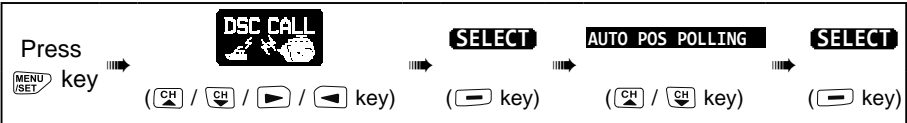## 11.9.3 Selecting Vessels to be Automatically Polled

NOTE

The radio uses the individual directory to select vessels to be auto-matically polled. Before proceeding, refer to section **"11.5.1 Setting up the Individual Call Directory"** and enter the MMSI of vessels you want to poll before proceeding.

Press
MENU/SET key ➡ **DSC CALL** ➡ **SELECT** ➡ **AUTO POS POLLING** ➡ **SELECT**
 (CH▲ / CH▼ / ► / ◄ key) (▭ key) (CH▲ / CH▼ key) (▭ key)

1. Press the **CH▼/CH▲** key to select "SELECTED ID", then press the **[SELECT]** soft key.

```
AUTO POS POLLING
ACTIVATION
SELECTED ID


BACK        SELECT
```

2. The radio will show a blank row highlighted when you select the vessel for the first time. Press the **[SELECT]** soft key.
3. The radio will show the vessels programmed in the individual directory. Press the **CH▼/ CH▲** key to select the desired vessel and press the **[ENTER]** soft key.
4. For more entries, press the **CH▼/CH▲** key to select a blank row, press the **[SELECT]** soft key, then perform step 3.

```
AUTO POS POLLING
 SELECTED ID
1:000000000
2:
3:
4:
5:
6:
BACK  DELETE SELECT
```

```
AUTO POS POLLING
 INDIVIDUAL DIR.
KAREN
BOB
366901254
Horizon-1
Standard
Horizon-2
USCG
BACK        ENTER
```

```
AUTO POS POLLING
 SELECTED ID
KAREN



BACK  DELETE SELECT
```

5. When finished, press the **CLR** key to exit to the radio mode.

11.9.4 Enabling/Disabling Auto POS Polling

Press
MENU/SET key ➡ **DSC CALL** ➡ **SELECT** ➡ **AUTO POS POLLING** ➡ **SELECT**
 (CH▲ / CH▼ / ► / ◄ key) (▭ key) (CH▲ / CH▼ key) (▭ key)

1. Press the **CH▼**/**CH▲** key to select "ACTI-VATION", then press the **[SELECT]** soft key.
2. Select "START" to enable transmissions or "STOP" to disable transmissions.
3. Press the **[ENTER]** soft key.
4. Press the **CLR** key to return to radio operation.
5. Auto POS Polling starts and the "A" icon will light up on the screen.
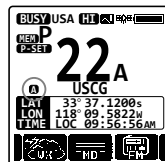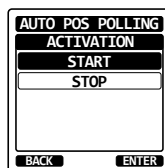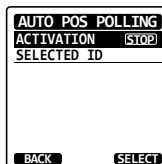
11.10 DSC TEST
This function is used to contact another DSC equipped vessel and ensure the DSC functions of the radio are operating.

NOTE

To use this feature, the radio that will receive the test call must also have the DSC Test feature.

To perform the DSC test, first enter the MMSI of another vessel into the individual directory, or manually enter the MMSI using the procedure below:

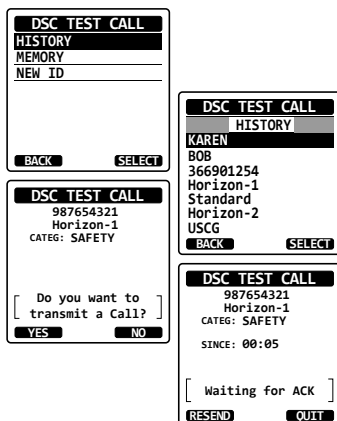### 11.10.1 Programming MMSI into Individual Directory
Refer to section **"11.5.1 Setting up the Individual Call Directory"**.

11.10.2 Transmitting a DSC Test to Another Vessel
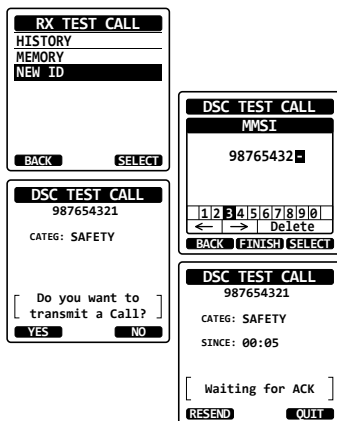*DSC Test call by using Individual/Position Directory*

1. Press the **CH▼**/**CH▲** key to select "HISTO-RY" or "MEMORY", then press the **[SELECT]** soft key.
2. Press the **CH▼**/**CH▲** key to select the ship name and press the **[SELECT]** soft key.
3. Press the **[YES]** soft key to transmit the DSC test call to the other vessel.
4. Press the **[QUIT]** soft key to return to radio operation.

```
 DSC TEST CALL
HISTORY
MEMORY
NEW ID


 BACK        SELECT
```

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

```
 DSC TEST CALL
   987654321
    Horizon-1
 CATEG: SAFETY


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

```
 DSC TEST CALL
   987654321
    Horizon-1
 CATEG: SAFETY

 SINCE: 00:05


[ Waiting for ACK ]
 RESEND       QUIT
```

DSC Test Call by Manually Entering an MMSI

Press ➡ [DSC CALL] ➡ **SELECT** ➡ **DSC TEST** ➡ **SELECT**
〔MENU/SET〕 key   (〔CH▲〕 / 〔CH▼〕 / 〔►〕 / 〔◄〕 key)   (〔▬〕 key)   (〔CH▲〕 / 〔CH▼〕 key)   (〔▬〕 key)

1. Press the **CH▼**/**CH▲** key to select "NEW ID" and press the **[SELECT]** soft key.
2. Press the **CH▼**/**CH▲** key to select the first digit in the MMSI and press the **[SELECT]** soft key.
3. Repeat step 4 until all the numbers of the MMSI are shown on the display.
4. Press the **[FINISH]** soft key to show the test call page.
5. Press the **[YES]** soft key to transmit the DSC test call to the other vessel.
6. Press the **[QUIT]** soft key to return to radio operation.

```
 RX TEST CALL
HISTORY
MEMORY
NEW ID


 BACK        SELECT
```

```
 DSC TEST CALL
   987654321

 CATEG: SAFETY


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

```
 DSC TEST CALL
      MMSI

    98765432▄


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

```
 DSC TEST CALL
   987654321

 CATEG: SAFETY

 SINCE: 00:05


[ Waiting for ACK ]
 RESEND       QUIT
```

NOTE

After the radio receives a test call reply from the called vessel, the radio will ring and show "RX TEST CALL" on the display, which confirms the called radio has received the test message.

11.10.3 Receiving a DSC Test Call

When another vessel transmits a DSC Test call to the **HX890** the following will happen:

1. When a DSC Test call is received, the radio will automatically respond to the calling vessel.
2. To exit from the DSC Test call display, press the **[QUIT]** soft key.

```
RX DSC TEST
  366901235
    Yaesu
CATEG: SAFETY

SINCE: 00:05
  DSC TEST REPLY
[  Transmitted  ]
            QUIT
```

11.11 DSC LOG OPERATION

The **HX890** logs: transmitted calls; received DSC Distress Alerts; and other calls (individual, group, all ships, etc.), and the " 🔲 " icon will appear on the **HX890** display. The DSC log feature is similar to an answer machine where calls are recorded for review. The **HX890** can store up to 24 transmitted calls, up to the latest 27 Distress Alerts, and up to the latest 64 other calls (individual, group, all ships, position report, position request ack, test call ack, and polling calls).
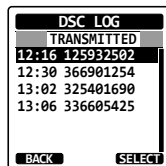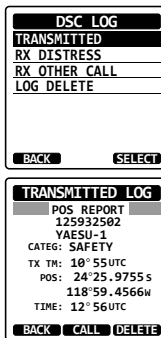
NOTE

> When the "DSC LOG" menu is selected, the **HX890** will display high-priority logged call automatically.

11.11.1 Reviewing and Resending a Transmitted Logged Call

The **HX890** allows transmitted logged calls to be reviewed and to resend the call.

Press **[MENU/SET]** key ➡ DSC CALL (CH▲ / CH▼ / ► / ◄ key) ➡ **[SELECT]** (🔵 key) ➡ DSC LOG (CH▲ / CH▼ key) ➡ **[SELECT]** (🔵 key)

1. Press the **[SELECT]** soft key, then confirm "TRANSMITTED" is selected.
2. Press the **[SELECT]** soft key, then press the **CH▼/CH▲** key to select the station (name or MMSI number) you want to review and/or resend the call.
3. Press the **[SELECT]** soft key to review details for the selected station.
4. Press the **[CALL]** soft key to resend the call or press the **[BACK]** soft key to go back to the DSC transmitted call list.

```
      DSC LOG
TRANSMITTED
RX DISTRESS
RX OTHER CALL
LOG DELETE



BACK        SELECT
```

```
   TRANSMITTED LOG
    POS REPORT
    125932502
    YAESU-1
CATEG: SAFETY
TX TM: 10°55UTC
  POS:  24°25.9755s
        118°59.4566w
TIME: 12°56UTC
BACK  CALL  DELETE
```

```
      DSC LOG
   TRANSMITTED
12:16 125932502
12:30 366901254
13:02 325401690
13:06 336605425


BACK        SELECT
```

11.11.2 Reviewing a Logged Distress Alert

The **HX890** logged Distress Alert Calls may be reviewed.

Press `MENU/SET` key	**DSC CALL**		**SELECT**		**DSC LOG**		**SELECT**
	⇒ ($\boxed{\text{CH}\blacktriangle}$ / $\boxed{\text{CH}\blacktriangledown}$ / $\boxed{\blacktriangleright}$ / $\boxed{\blacktriangleleft}$ key)	⇒	($\boxed{\text{—}}$ key)	⇒	($\boxed{\text{CH}\blacktriangle}$ / $\boxed{\text{CH}\blacktriangledown}$ key)	⇒	($\boxed{\text{—}}$ key)

1. Press the **CH▼/CH▲** key to select "RX DISTRESS".
2. Press the **[SELECT]** soft key, then press the **CH▼/CH▲** key to select the station names or MMSI numbers in the DSC LOG that you want to review and/or relay the Distress Alert to the other vessels.

   Note: When there is an unread received call, the "⌂" icon will appear at the left of the call entry.
3. Press the **[SELECT]** soft key to review the details of the selected station.
4. Press the **[INFO]** soft key to display more information or press the **[BACK]** soft key to return to the received Distress Alert list.
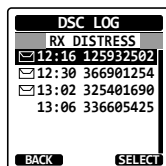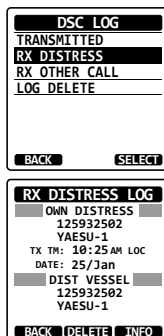
11.11.3 Reviewing Other Logged Calls

Press `MENU/SET` key	**DSC CALL**		**SELECT**		**DSC LOG**		**SELECT**
	⇒ ($\boxed{\text{CH}\blacktriangle}$ / $\boxed{\text{CH}\blacktriangledown}$ / $\boxed{\blacktriangleright}$ / $\boxed{\blacktriangleleft}$ key)	⇒	($\boxed{\text{—}}$ key)	⇒	($\boxed{\text{CH}\blacktriangle}$ / $\boxed{\text{CH}\blacktriangledown}$ key)	⇒	($\boxed{\text{—}}$ key)

1. Press the **CH▼/CH▲** key to select "RX OTHER CALL".
2. Press the **[SELECT]** soft key, then press the **CH▼/CH▲** key to select the station (name or MMSI number) you want to review and/ or call back.

   Note: When there is an unread received call, the "⌂" icon will appear at the left of the call entry.
3. Press the **[SELECT]** soft key to review details for the selected station.
4. Press the **[CALL]** soft key to reply to the call or press the **[BACK]** soft key to return to the received call list.