

# Worldwide Group Number Programming Guide

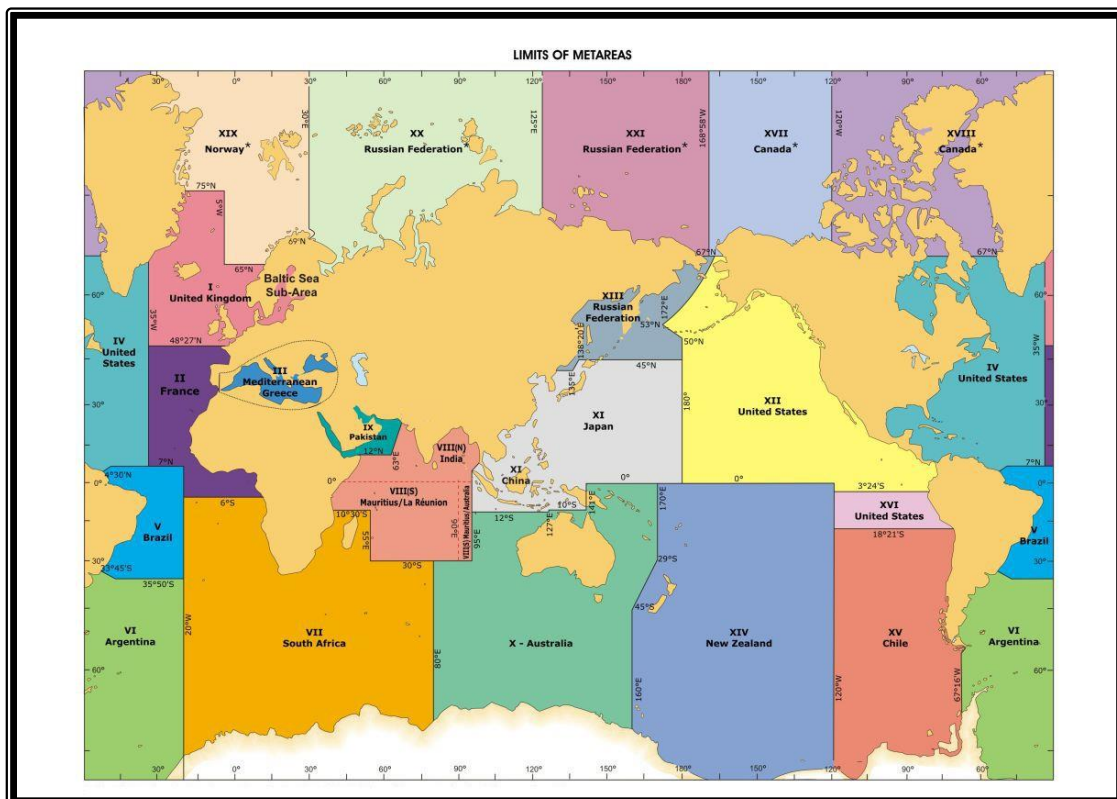


## Contents

Worldwide Group Numbers and Navareas .....	3
VHF Radio Programming .....	4
BG&E Group Call Programming.....	4
V90.....	4
Garmin Group Call Programming .....	5
VHF 100 and 200.....	5
Icom Group Call Programming .....	6
Icom M304.....	6
Icom M423 and M424 .....	6
Icom M504.....	7
Icom M506.....	8
Icom M604.....	9
Sailor Group Address Programming.....	10
Sailor 6216.....	10
Simrad Group Call Programming .....	11
RS35.....	11
Standard Horizon Group Call Programming .....	12
Standard Horizon GX 1265 .....	12
GX1600 and 1700.....	12
Standard Horizon GX2xxx Series.....	13
West Marine Group Call Programming.....	14
West Marine VHF 480.....	14
VHF585.....	15
HF SSB Programming .....	16
Icom M801E HF SSB .....	16
Icom M802 HF SSB.....	17
If your Radio is not listed.....	17
VHF Radios .....	18
HF SSB Radios .....	18
Other Options.....	18
Notes .....	<b>Error! Bookmark not defined.</b>

## Worldwide Group Numbers and Navareas

WORLDWIDE GROUP NUMBERS		
NAVAREA	NAVAREA Co-ordinator	NAVAREA Group Call ID
1 - I	UK	Waiting for Assignment
2 - II	France	022802000
3 - III	Spain	022503000
4 - IV	USA (east)	036904000
5 - V	Brazil	071005000
6 - VI	Argentina	070106000
7 - VII	South Africa	060107000
8 - VIII	India	041908000
9 - IX	Pakistan	046309000
10 - X	Australia	050310000
11 - XI	Japan	043211000
12 - XII	USA (west)	036912000
13- XIII	Russia	027313000
14 - XIV	New Zealand	051214000
15 - XV	Chile	072515000
16 - XVI	Peru/USA	076016000
17 - XVII	Canada (NW)	031617000
18 - XVIII	Canada (NE)	031618000
19 - XIX	Norway	025919000
20 - XX	Russia (NW)	027320000
21 - XXI	Russia (NE)	027321000



## VHF Radio Programming

### BG&E Group Call Programming

#### V90

Enter numbers and data with the wired handset keypad. Each key contains numbers followed by letters. Only uppercase numbers are provided. After a short pause the next digit will be selected. Use the arrow keys to go back and change a number.

If you are using the wireless handset, you must use the up and down keys to select numbers or letters.

1. Select "MENU"
2. Select "DSC SETUP"
3. Select "GROUP SETUP"
4. Select "MANUAL NEW"
5. Enter the Group Name
6. Press "OK"
7. Enter the Group ID
8. Press "OK" Repeatedly until "STORE/CANCEL" is displayed
9. Select "STORE"

Group Numbers programmed in this radio: \_\_\_\_\_

---

---

---

---

---

---

## Garmin Group Call Programming

### VHF 100 and 200

1. Press the DSC Key
2. Select Group > Add Entry
3. Enter MMSI Number
4. Rotate the Channel selection knob to locate each number
5. Clockwise to increase the number and Counter clockwise to decrease the number
6. Press the Channel selection knob to select the number and move to the next digit
7. Select a left arrow to go back to the previous number(s)
8. Enter a Name
9. Using the Channel knob as used above to insert the group name.
  
10. Select Accept to Save Changes
11. Select Cancel to return to previous menu without saving
12. Press the Menu Key to return to the main display

Group Numbers programmed in this radio:

---

---

---

---

---

---

---

## Icom Group Call Programming

### Icom M304

Only DSC Individual calling is available on the M304. Group Calling is not available on M304.

### Icom M423/423G and M424/424G

1. Enter "GROUP ID" in the DSC SETTINGS menu.
2. Press MENU
3. Rotate Dial DSC Settings then push [ENT]
4. Rotate Dial Group ID then push [ENT]
5. Enter a desired group ID in the following way:
  - Select a desired number using Dial, or [Y]/[Z]/[Ω]/[≈].
  - Push [ENT] or Dial to set it.
  - To move the cursor, select either arrow, "←" or "→," then push
6. [ENT] or Dial.
7. The first digit is fixed as '0' for a Group ID.
8. Repeat step to input the specific 9 digits group code.
9. After entering the 9 digit code, push [ENT] or Dial to set it.
  - The Group ID name programming screen is displayed.
10. Enter a desired 10 digit ID name in the following way:
  - Select a desired character using Dial, or [Y]/[Z]/[Ω]/[≈].
  - Push [ENT] or Dial to set it.
  - To move the cursor, select either arrow, "←" or "→," then push
11. [ENT] or Dial.
  - Push [123], [!\$?] or [ABC] to select a character group.
12. After entering the ID name, select "FINISH" using Dial, or
13. [Y]/[Z]/[Ω]/[≈], then push [ENT] or Dial to program it.
  - The "GROUP ID" list screen is displayed.
14. Push [MENU] to exit the MENU screen.

Group Numbers programmed in this radio: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Icom M504

1. Press [MENU] to enter the DSC menu.
2. Rotate [DIAL] to select "Set up,"
3. Press [DIAL•ENTER].
4. Rotate [DIAL] to select "Add:Group ID,"
5. Press [DIAL•ENTER].
6. Rotate [DIAL] to set the group ID and ID name.
  - The ID name is an associated text name for that group.
  - Push [16•9] or [CH/WX•DUAL•U/I/C] to move the cursor forward or backward, respectively.
  - Push [CLR] to cancel and return to the set up menu.
  - "Full ID" appears when 100 DSC address IDs are already set.
7. After entering an 8-digit ID code, push [DIAL•ENTER] or [16•9] to enter a 10-character ID name.
  - 1st digit '0' is fixed for a group ID.
8. After inputting, push [DIAL•ENTER] to program.
9. Press [CLR] or rotate [DIAL] to select "Exit,"
10. Press [DIAL•ENTER].
11. Returns to the DSC menu.
12. Repeat again to return to the normal operation condition.

Group Numbers programmed in this radio: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Icom M506

1. Enter "GROUP ID" in the DSC SETTINGS menu.
2. Press MENU
3. Rotate Dial DSC Settings then push [ENT]
4. Rotate Dial Group ID then push [ENT]
5. Enter a desired group ID in the following way:
  - Select a desired number using Dial, or [Y]/[Z]/[Ω]/[≈].
  - Push [ENT] or Dial to set it.
  - To move the cursor, select either arrow, "←" or "→," then push
6. [ENT] or Dial.
7. The first digit is fixed as '0' for a Group ID.
8. Repeat step to input the specific 9 digits group code.
9. After entering the 9 digit code, push [ENT] or Dial to set it.
  - The Group ID name programming screen is displayed.
10. Enter a desired 10 digit ID name in the following way:
  - Select a desired character using Dial, or [Y]/[Z]/[Ω]/[≈].
  - Push [ENT] or Dial to set it.
  - To move the cursor, select either arrow, "←" or "→," then push
11. [ENT] or Dial.
  - Push [123], [!\$?] or [ABC] to select a character group.
12. After entering the ID name, select "FINISH" using Dial, or
13. [Y]/[Z]/[Ω]/[≈], then push [ENT] or Dial to program it.
  - The "GROUP ID" list screen is displayed.
14. Push [MENU] to exit the MENU screen.

Group Numbers programmed in this radio: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



## Icom M604

1. Select "DSC Set up menu"
2. Enter "Add:Group ID".
3. Set the group ID and ID name directly with the keypad.  
    Edit the 8-digits of the group ID directly with the keypad.  
    Rotate **[SELECTOR]** to move the cursor backward or forward.
4. Push **[CE]** to clear the ID and name.
5. Push **[CLR]** to cancel and exit the condition.
6. Press **[ENT]** to program and return to the DSC Set up menu.
7. Press **[CLR]** or rotate **[SELECTOR]** to select "Exit,"
8. Press **[ENT]** to return to DSC menu.
9. Repeat again to return to the normal operation condition.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Sailor Group Address Programming

## Sailor 6216

1. Press the soft key **PHBOOK**.  
If it is not in the display, press the soft key **MORE** until **PHBOOK** appears in the display.
2. Press the soft key **ADD**.
3. Press the selector wheel knob to enter the <Name> field.  
Enter the name by turning the selector wheel knob to the desired letter,
4. Press the selector wheel knob to accept the letter and advance to the next letter.
5. Press the soft key **OK** to finish.
6. Press and turn the selector wheel knob to select the **Type: GROUP**.

### MMSI:

Turn and press the selector wheel knob to enter the contact's MMSI number (9 digits) The first digit of a Group call is always "0"

7. Press the soft key **OK** to accept.

#### **CHAN** (optional):

Press and turn the selector wheel knob to select the preferred channel for this contact  
Press the soft key **OK**.

#### **Position Auto Ack** (for Type SHIP or COAST STATION): (Not Applicable for Group Calls)

Press and turn the selector wheel knob to select YES or NO for this contact, press the soft key

8. **OK**. This will allow auto-ack of position requests for this contact.

**or:**

#### **Listen to Group** (for Type GROUP):

Press and turn the selector wheel knob to select YES or NO for this contact, press the soft key **OK**.

The radio will respond to calls to the specified group.

Press the soft key **SAVE** to save the contact information.

Press **EXIT** to leave the phone book and return to VHF operation.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Simrad Group Call Programming

## RS35

If your radio does not have the optional alphanumeric microphone, you can rotate the rotary knob, or use +/- keys on the handset mic to enter alphanumeric data.

Press - to count through numbers, or hold down to scroll rapidly to the desired number

Press + to step through the alphabet, or hold down to scroll rapidly to the desired character

If you make an error, press - until < is displayed, then press ENT to backup and correct the entry.

1. Select DSC SETUP
2. Select GROUP SETUP.
3. Select MANUAL NEW.  
If this is the **first time** that you are entering a group name, a dashed line appears
4. Enter the group name along the dashed line.  
It can be a maximum of 12 alphanumeric characters.
5. Press ENT to confirm each correct entry and to move to the next position.  
If you make an error, press – until < appears,  
Then press ENT to backup and correct the entry.
6. Enter the group MMSI.  
Note that the first number is always a 0.
7. Press ENT.
8. The group name and group MMSI are shown in a confirmation screen.
9. Press ENT to store the details  
Radio will return to the GROUP SETUP screen.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Standard Horizon Group Call Programming

## Standard Horizon GX 1265

Only DSC Individual calling is available on the M304. Group Calling is not available on M304.

### GX1600 and 1700

1. Press and hold [CALL/MENU] until "Setup Menu" is displayed
2. Rotate Channel knob to "DSC SETUP"
3. Press "Select" or [CH] knob
4. Rotate [CH] knob to "GROUP DIRECTORY"
5. Press "Select" or [CH] knob to "Group Directory" with "ADD" selected
6. Press "Select" or [CH] knob
7. Rotate the [CH] knob for the appropriate letter
8. Press "ENT" or [CH] knob to select the letter (Some modes may limit number)  
After text is entered:
9. Press and hold [CH] knob until cursor moves to "ID: 0\_"
10. Rotate the [CH] knob for the appropriate number
11. Press "ENT" or [CH] knob to select the number  
After a number is entered:
12. Press "Quit" three times to return to normal radio operation.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Standard Horizon GX2xxx Series

1. Press and hold [CALL/MENU] until "Setup Menu" is displayed
2. Rotate Channel knob to "DSC SETUP"
3. Press "Select" or [CH] knob
4. Rotate [CH] knob to "GROUP DIRECTORY"
5. Press "Select" or [CH] knob to "Group Directory" with "ADD" selected
6. Press "Select" or [CH] knob
7. Rotate the [CH] knob for the appropriate letter
8. Press "ENT" or [CH] knob to select the letter (Some modes may limit number)  
After text is entered:
9. Press and hold [CH] knob until cursor moves to "ID: 0\_"
10. Rotate the [CH] knob for the appropriate number
11. Press "ENT" or [CH] knob to select the number  
After Number is entered:
12. Press "Quit" three times to return to normal radio operation.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## West Marine Group Call Programming

### West Marine VHF 480

Note: The VHF 480 only provides for one group address location at a time. This number should be the Worldwide Group number for your Navarea.

1. Display the normal menu and choose the *Setup* sub-menu.
2. Select *Group MMSI*.  
If one was entered previously, the screen will display it.  
Group MMSI numbers always start with a 0, so that digit is already entered for you.
3. Using the CHANNEL UP and CHANNEL DOWN to change the second of the nine digits;  
CHANNEL UP increases the number and CHANNEL DOWN button decreases it.
4. When the second digit is correct, press the ENT-1W/25W. The cursor moves to the next digit.
5. Enter the remaining seven digits of the MMSI number in the same way as in steps 3 and 4 above.  
If you make a mistake while entering a number, press CLR-SCAN to erase the wrong number and the cursor is moved to the left digit.

**When the ninth digit is correct,**

6. Press ENT-1W/25W. The radio displays the new Group number and asks you to confirm.
7. To save this MMSI number, select *Yes* and confirm the entry.  
To cancel this MMSI number, select *No*.
8. The radio returns to the *Setup* menu.

Group Number programmed in this radio: \_\_\_\_\_

## VHF585

Note: The VHF 585 only provides for one group address location at a time. This number should be the Worldwide Group number for your Navarea.

1. Display the normal menu and choose the *Setup* sub-menu.
2. Select *Group MMSI*. If one was entered previously, the screen displays it.
3. Group MMSI numbers always start with a 0, so that digit is already entered for you.
4. Use CHANNEL UP and CHANNEL DOWN to change the second of the nine digits  
CHANNEL UP increases the number and CHANNEL DOWN button decreases it.
5. When the second digit is correct, press the ENT-1W/25W.  
The cursor moves to the next digit.
6. Enter the remaining seven digits of the MMSI number in the same way as steps 4 and 5 above.  
If you make a mistake while entering a number,  
Press CLR-SCAN to erase the wrong number and the cursor is moved to the left digit.

### **When the ninth digit is correct**

7. Press ENT-1W/25W. The radio displays the new MMSI number and asks you to confirm.
8. To save this MMSI number, select *Yes* and confirm the entry.
9. To cancel this MMSI number, select *No*.
10. The radio returns to the Setup menu.

Group Number programmed in this radio: \_\_\_\_\_

# HF SSB Programming

## Icom M801E HF SSB

1. Press [DSC]
2. Press: [Set/Mode]
3. Select “Setup” with the [CH] knob
4. Press [ENT] button.
5. Select “Group ID” using the [CH] knob
6. Press [ENT].
7. Display shows “< add >”
8. Press [ENT]
9. Type in a name for the Group using the keypad:
  - Type in the name you decide to use for the group using the keypad.
  - Use the [CH] knob to get to ID: and type in using the keypad.
  - Use the [CH] knob to get to TX: and enter 02177.0
  - Use the [CH] knob to get to RX and enter 02177.0

Note: 2177.0 kHz is the only simplex frequency on all M802 and M801E transceivers and as a result is used as a default for programmed individuals and group frequencies.

10. Press [ENT] to save the group
11. Press [DSC] twice to return to DSC WATCH mode.

Use procedure [DSC to Simplex for Cruisers](#) to expand calling capability to all six frequencies.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Icom M802 HF SSB

1. Press [DSC]
2. Press: [Set/Mode]
3. Select "Setup" with the [CH] knob
4. Press [ENT] button.
5. Select "Group ID" using the [CH] knob
6. Press [ENT].
7. Display shows "< add >"
8. Press [ENT]
9. Type in a name for the Group using the keypad:
  - Type in the name you decide to use for the group using the keypad.
  - Use the [CH] knob to get to ID: and type in using the keypad.
  - Use the [CH] knob to get to TX: and enter 02177.0
  - Use the [CH] knob to get to RX and enter 02177.0

Note: 2177.0 kHz is the only simplex frequency on all M802 and M801E transceivers and as a result is used as a default for programmed individuals and group frequencies.

10. Press [ENT] to save the group
11. Press [DSC] twice to return to DSC WATCH mode.

Use procedure [DSC to Simplex for Cruisers](#) to expand calling capability to all six frequencies.

Group Numbers programmed in this radio: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## If your Radio is not listed

### VHF Radios

This manual provides a list of popular radio types but there are many other radios available around the world.

Check your user manual. If your radio has a red distress button on the front panel, it can probably be programmed with the Worldwide Group Number for your Navareas.

Group numbers will not work from an Individual ID address book and some of the initial VHF radios with DSC only had Individual address books.

Check the manual for your radio and verify the radio has a Group Directory. Different vendors may refer to this address book by different names. Some type of Group ID address book typically within the DSC setup is required.

If you are having trouble getting your radio programmed with the Worldwide Group Number and need some help send an email to with your radio brand and model information to: [Help me with my Radio](#)

### HF SSB Radios

Only Marine radios have DSC capability. Older Marine radios do not provide DSC as GMDSS fully implemented HF DSC 1999.

This manual only includes the Icom IC M801E and M802 MF/HF radio programming as they are the most popular with pleasure boat owners..

If you are having trouble programming your HF radio with the Worldwide Group Number(s) and need help send an email to with your radio brand and model information to: [Help me with my Radio](#)

### Other Options

VHF and HF DSC connect you to the gigantic GMDSS world. If you are river, lake or coastal cruising, in an area with excellent VHF communications, DSC may be less of a safety concern.

If you are headed across an ocean, a DSC HF SSB radio is a necessary item. Don't let a land based salesman, looking at future revenues from you making calls on a Sat phone, persuade you that a Sat phone is the new technology and what you need. Yes, HF radio is older technology, but it works and that is why it is still around. DSC is new and implemented around the world by GMDSS vessels.

When crossing an ocean, you will never know the phone number of the closest vessel around you. GMDSS vessels are your best source of immediate help. Using DSC calling can connect you with every GMDSS vessel and with the implementation of DSC Worldwide Group calling, every pleasure boat around your vessel.

**Don't leave home without HF and VHF DSC or programmed Worldwide group numbers!**