

## ■ Marine Set mode

### ◇ Marine Set mode operation

1. Push [M/CALL PRIO] one or more times to enter the Marine Channel mode.
2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
3. Push [SET LOCK] or [MONI ANM PA] to select the desired item.
4. Rotate [DIAL] to select the option or value.
5. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT] to save the setting and exit the Marine Set mode.

### ◇ Marine Set mode items

**NOTE:** The Marine Set mode items on the transceiver may differ, depending on the transceiver's version or presetting. Ask your dealer for details.

**Priority channel** "M-- 16 ---P"

Set the Priority channel.

**Call channel** "M-- 9 ---C"

Set the Call channel.

**Skip channel** "CHS--OF--"

Turn the Channel Skip setting ON or OFF for the Channel Skip scans.

**AF output selections** "RSP--OF"

Select the AF output location from OF, AL, or IN.

**Foghorn function** "FOG--OF"

Select the foghorn output pattern from WA, ST, SA, TO, or OF.

**Foghorn frequency** "FRQ400"

Set the Foghorn frequency between 200 and 850 Hz in 10 Hz steps.

**Public Address output level** "PVL--10"

Set the Public Address output level between 1 and 32.

**Foghorn output level** "FVL--10"

Set the foghorn output level between 1 and 32.

**Watch type** "PRI--PR"

Select the watch type from PR, DU, or TR.

# ICOM MARINE CHANNEL MODE GUIDE

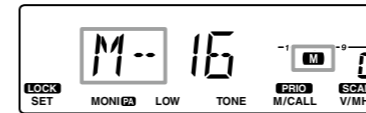
## FM TRANSCEIVER IC-V3500

Thank you for choosing this Icom product.  
This guide shows the Marine Channel mode and the related functions.

**IMPORTANT:** Transmission is inhibited in the Marine Channel mode.

## ■ Selecting a marine channel

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
  - "M-" is displayed in the 10 MHz and the 1 MHz digits.
  - "M" is displayed.



2. Rotate [DIAL] to select the desired channel.

### ◇ Setting Tag channels

You can add desired marine channels as Tag channels. The channels set as the Tag channel will be the target of Priority watch, Dualwatch, and Tri-watch.

- ① Marine channels 9 and 16 are set to Tag channels by default.

**NOTE:** You can select only the channels set as Tag channels in the Marine Channel mode.

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
2. Push [S.MW MW].
  - "M" blinks.
3. Rotate [DIAL] to select a marine or memory channel to be added.
4. Hold down [S.MW MW] for 1 second.
  - 3 beeps sound and the selected channel is added.

### ◇ Clearing Tag channels

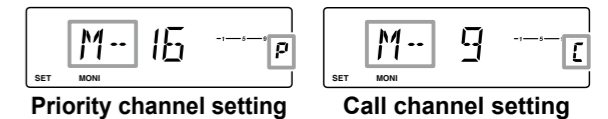
You can remove desired channels as a Priority watch, Dualwatch, and Tri-watch target by clearing the Tag channel setting.

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
  2. Rotate [DIAL] to select the marine channel to be cleared.
  3. Hold down [S.MW MW] for 1 second.
    - 3 beeps sound and the selected channel is cleared.
- ① The cleared channel cannot be selected in the Marine Channel mode until it is set as a Tag channel again.

### ◇ Setting the Call/Priority channel

You can set a Tag channel as the Call or Priority channel.

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
3. Push [SET LOCK] or [MONI ANM PA] until the "M-" and "P" or "M-" and "C" is displayed.
  - ① "M-" and "P" are the Priority channel settings, and "M-" and "C" are the Call channel settings.



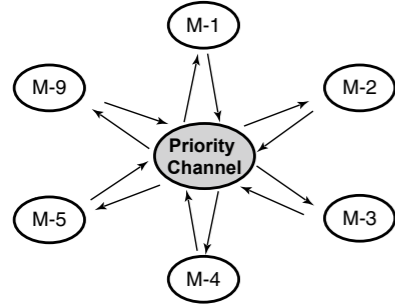
4. Rotate [DIAL] to select the channel to set as the Call or Priority channel.
5. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT].
  - The setting is saved, and exits the Marine Set mode.

## ■ Selecting a marine channel

### ◇ Priority watch/Dualwatch/Tri-watch

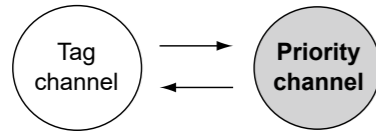
#### Priority watch

Sequentially searches through all Tag channels while also periodically checking the Priority channel.  
When a signal is detected on the Priority channel, the watch pauses until the signal disappears.  
When a signal is detected on a channel other than the Priority channel, the Priority watch switches to Dualwatch until the signal disappears.



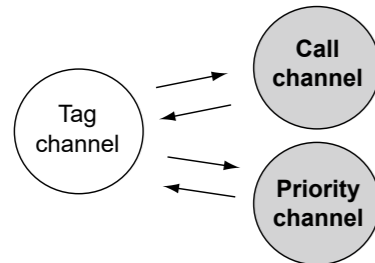
#### Dualwatch

Periodically checks the Priority channel while receiving a Tag channel. The watch pauses when a signal is received on the Priority channel.



#### Tri-watch

Periodically checks the Priority channel and the Call channel while receiving a Tag channel.  
When receiving a signal on the Call channel, Tri-watch switches to Dualwatch.  
① One or more Tag channels other than the Call and Priority channels must be set.



#### Start the watch:

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
  2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
  3. Push [SET LOCK] or [MONI ANM PA] until "PRI" is displayed.
  4. Rotate [DIAL] to select the watch type.
    - "PR": Priority watch
    - "DU": Dualwatch
    - "TR": Tri-watch
  5. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT] to save the setting and exit the Marine Set mode.
  6. Hold down [M/CALL PRIO] for 1 second to start Priority watch.
    - "PRIO" is displayed.
 ① Rotate [DIAL] to change the scanning direction.
- For only the Dual/Tri-watch:**
- Rotate [DIAL] to select the desired Tag channel to receive before starting Dual/Tri-watch.
7. To stop the watch, push [M/CALL PRIO].

## ■ Public Address function

The Public Address function is for hailing or making onboard announcements through a PA speaker.

**IMPORTANT:** When the Public Address function is turned ON, the transceiver cannot receive nor transmit signals.

### ◇ Setting the Public Address function

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
3. Push [SET LOCK] or [MONI ANM PA] until "PVL" is displayed.
4. Rotate [DIAL] to set the output level to between 1 and 32.
5. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT] to save the setting and exit the Marine Set mode.

### ◇ Turning ON the Public Address function

1. Hold down [MONI ANM PA] for 1 second to turn ON the Public Address function.
  - "PA ON" is displayed.



- ① While holding down [PTT], rotate [DIAL] to set the output level.
  - ① You can use [SET LOCK], [MONI ANM PA], and [⏏] even when the function is ON.
2. Hold down [PTT], and speak into the microphone at a normal voice level.
  - "PA ON" blinks while holding down [PTT].
3. Hold down [MONI ANM PA] for 1 second again to turn OFF the function.

## ■ AF output selections

The IC-V3500 has 3 AF output selections. Select the output that suits your operating style.

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
3. Push [SET LOCK] or [MONI ANM PA] until "RSP" is displayed.
4. Rotate [DIAL] to select the AF output location.
  - "OF": The received AF signal is output from the speaker jack. (When no external speaker is connected, the AF signal is output from the internal speaker.)
  - "AL": The received AF signal is output from both the internal speaker and the speaker jack.
  - "IN": The received AF signal is output from the internal speaker.
5. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT] to save the setting and exit the Marine Set mode.

## ■ Foghorn function

The Foghorn function sounds a horn repeatedly until the function is turned OFF.

The foghorn is output from the external speaker. To use this function, the external speaker must be connected to the transceiver.

1. Push [M/CALL PRIO] one or more times to select the Marine Channel mode.
2. Hold down [BANK OPT] for 1 second to enter the Marine Set mode.
3. Push [SET LOCK] or [MONI ANM PA] until "FVL" is displayed.
4. Rotate [DIAL] to set the output level to 1 (minimum) from 32 (maximum).
5. Push [SET LOCK] or [MONI ANM PA] until "FREQ" is displayed.
6. Rotate [DIAL] to set the foghorn frequency to 200–850 Hz in 10 Hz steps.
7. Push [SET LOCK] or [MONI ANM PA] until "FOG" is displayed.
8. Rotate [DIAL] to set the foghorn output pattern.
  - ① Select "OF" to turn OFF the function.
  - ① Refer to the table below for the foghorn output patterns.
9. Push any key other than [SET LOCK], [MONI ANM PA], or [BANK OPT] to save the setting and exit the Marine Set mode.
  - "☠" is displayed when the Foghorn function is ON.
  - "☠" blinks when the horn is sounded.
  - ① While sounding a horn, rotate [DIAL] to set the horn output level.

### Foghorn output patterns

TYPE	PATTERN	USAGE
UNDERWAY "FOG-WA"	One 5-second blast every 120 seconds. 	Motor vessel underway and making way.
STOP "FOG-ST"	Two 5-second blasts (separated by 2 seconds) every 120 seconds. 	Motor vessel underway but stopped (not making way).
SAIL "FOG-SA"	One 5-second blast followed by two 1-second blasts (each separated by 2 seconds) every 120 seconds. 	Sailing vessel underway, fishing vessel (underway or anchored), a vessel not under command, a vessel restricted in her ability to maneuver (underway or at anchor), or a vessel is towing or pushing another ahead.
TOW "FOG-TO"	One 5-second blast followed by three 1-second blasts (each separated by 2 seconds) every 120 seconds. 	Vessel undertow (manned).