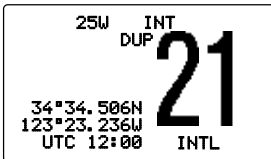



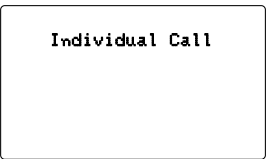

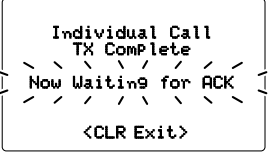
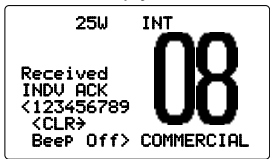



MAKING AN INDIVIDUAL DSC CALL USING AN AIS TRANSPONDER

When the Icom MA-500TR CLASS B AIS TRANSPONDER is connected to your IC-M504/IC-M505/IC-M603/IC-M604 VHF MARINE TRANSCEIVER, an individual DSC call can be transmitted to a selected AIS target using the transponder, without needing to enter the target's MMSI code.
See the transponder's manual for connecting instructions.

▨ To ensure correct operation of the DSC function, make sure you correctly set the transceiver's squelch.

These instructions are based on using the IC-M604. The displayed screens, indications or operations may differ slightly from the instructions, depending on the transceiver.

Procedures	Transponder's display	Transceiver's display
Step ①: Transponder's operation Select a desired AIS target on the plotter, target list or danger list display. • You can also go to the next step whenever the detail screen of the AIS target is displayed. • Make sure the transceiver is in the normal operating mode. Otherwise, you cannot make an individual DSC call using the transponder.		 <p>(Example)</p>
Step ②: Transponder's operation Push [DSC] to display the voice channel selection screen, and then push [▲] or [▼] to select a desired voice channel*. • Voice channels are already preset into the transponder in recommended order. *When a base station is selected in step ①, a voice channel will be specified by the base station, therefore you cannot change the channel. The transponder will display "Voice Channel is specified by the Base station," in this case.		
Step ③: Transponder's operation Push [DSC] to make the transceiver to transmit an individual DSC call to the AIS target. • If Channel 70 is busy, the transceiver stands by until the channel becomes clear. • If the transceiver cannot make the call, the transponder will display "DSC Transmission FAILED."		
Step ④: Transponder's operation After making the individual DSC call, the transponder will display "DSC Transmission COMPLETED." • Push [CLEAR] to return to the previous screen before you entered the voice channel selection screen in step ②. • The transceiver stands by on Channel 70 until an acknowledgement is received.		
Step ⑤: Transceiver's operation When the acknowledgement 'Able to comply' is received, beeps sound and the transceiver automatically selects the channel specified in step ②. If the acknowledgement 'Unable to comply' is received, beeps sound and the transceiver's display returns to the operating channel selected before making the individual DSC call. • Push [CLR] to stop the beeps. • You can check the MMSI code or the name (if programmed) of the AIS target on the display.		<p>'Able to comply' is received</p>  <p>'Unable to comply' is received</p> 
Step ⑥: Transceiver's operation After receiving the acknowledgement 'Able to comply' in step ⑤, push and hold [PTT] to communicate with the AIS target.		

