

# TECHNICAL BULLETIN

NO. PS187

DATE: 01/07/2004

## DSC Capable Radio Products

### Resetting / Erasing MMSI Numbers

#### Background

A number of enquiries have been received concerning the amendment / erasure of MMSI Numbers. The following information is a comprehensive guide to the different products and procedures.

#### Initial Installation

With the exception of the HD52, the operator is permitted to make the initial entry of an MMSI number. However, once entered, the MMSI Number cannot be changed in any product except by a Simrad Approved Dealer.

#### HD52

The MMSI number may only be entered by an Authorised Dealer using Programming Kit PR50 and configuration programming software Prog52.exe or the more limited software version Mmsi52.exe. Changing or erasing the MMSI Number can only be achieved in the same manner. The software is entirely menu driven and requires no further explanation.

#### DSC 1400

Once the MMSI Number has been entered the only option for change is to erase the existing number as follows:

Remove the front panel and locate the double pair of header pins located towards the centre of the PCB.

Place a shorting link across the pair marked LK1 as shown in the drawing below.



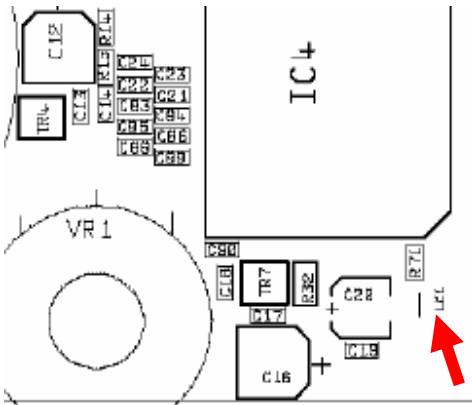
Power up the unit and operate the lower soft key twice to reveal the **RESET** function. Operating the **RESET** clears the memory of all user settings and returns the unit to a factory default state.

#### RD68

The MMSI Number may be changed using the Programming Kit PR68 and configuration programming software Prog68.exe. Alternatively, the MMSI Number may be changed from the front panel as follows:

Remove the front panel and locate and make the solder link LK1 positioned close to VR1 / IC4. Refit the front panel, power up the unit and use the soft keys, (DSC, Menu, More, MMSI) to bring up the MMSI entry screen. The MMSI can then be entered.

Switch off again, remove the solder link and refit the front panel.

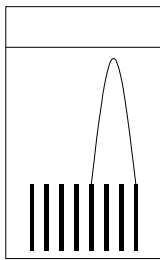


The MMSI Number can only be completely erased by re-cloning the radio from the Configuration File.

### RS80 Series

The MMSI Number may be changed using the Programming Kit PR80 and universal configuration programming software PRS1. To erase the MMSI Number, proceed as follows:

Assemble a shorting link using an RJ45 network connector configured as shown in the sketch below.



With the radio switched off, plug the shorting link into the programming port, to be found under the label in the centre of the black box, just behind the central screw, which retains the lid. Turn the radio on with the handset and turn off again. Remove the shorting link and replace the label.

### Contact Information

If you have any further queries, please contact :

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