FURUNO
USA

GMDSS CONSOLE
DEALERS MANUAL

These Instructions are intended for Furuno authorized
Agents and Dealers ONLY!
These Instructions should not be released to the
operator or owner of the equipment.

OSE-GMD-00Z

GMDSS DEALERS MANUAL

This manual contains procedures for changing system settings in the GMDSS console. This information is intended for Dealer use only and should not be left with the console.
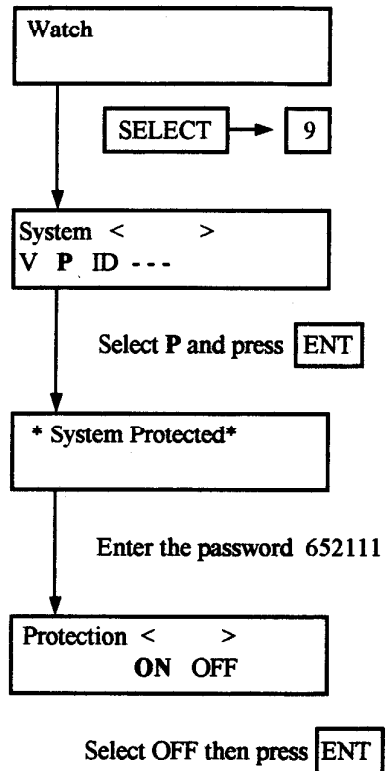
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DSC-6

Changing System Settings (This will not allow changing the MMSI)

1. Turn on unit.

2. After start up, follow the procedure below:

```
┌─────────────────────────────┐
│ Watch                       │
│                             │
└─────────────────────────────┘
        │
        │         ┌──────────┐      ┌───┐
        │         │ SELECT   │─────▶│ 9 │
        │         └──────────┘      └───┘
        ▼
┌─────────────────────────────┐
│ System  <        >          │
│ V  P  ID - - -              │
└─────────────────────────────┘
        │
        │      Select P and press │ENT│
        ▼
┌─────────────────────────────┐
│ * System Protected*         │
│                             │
└─────────────────────────────┘
        │
        │      Enter the password  652111
        ▼
┌─────────────────────────────┐
│ Protection  <        >      │
│                ON   OFF     │
└─────────────────────────────┘

          Select OFF then press │ENT│
```

3. Reset system settings as necessary.

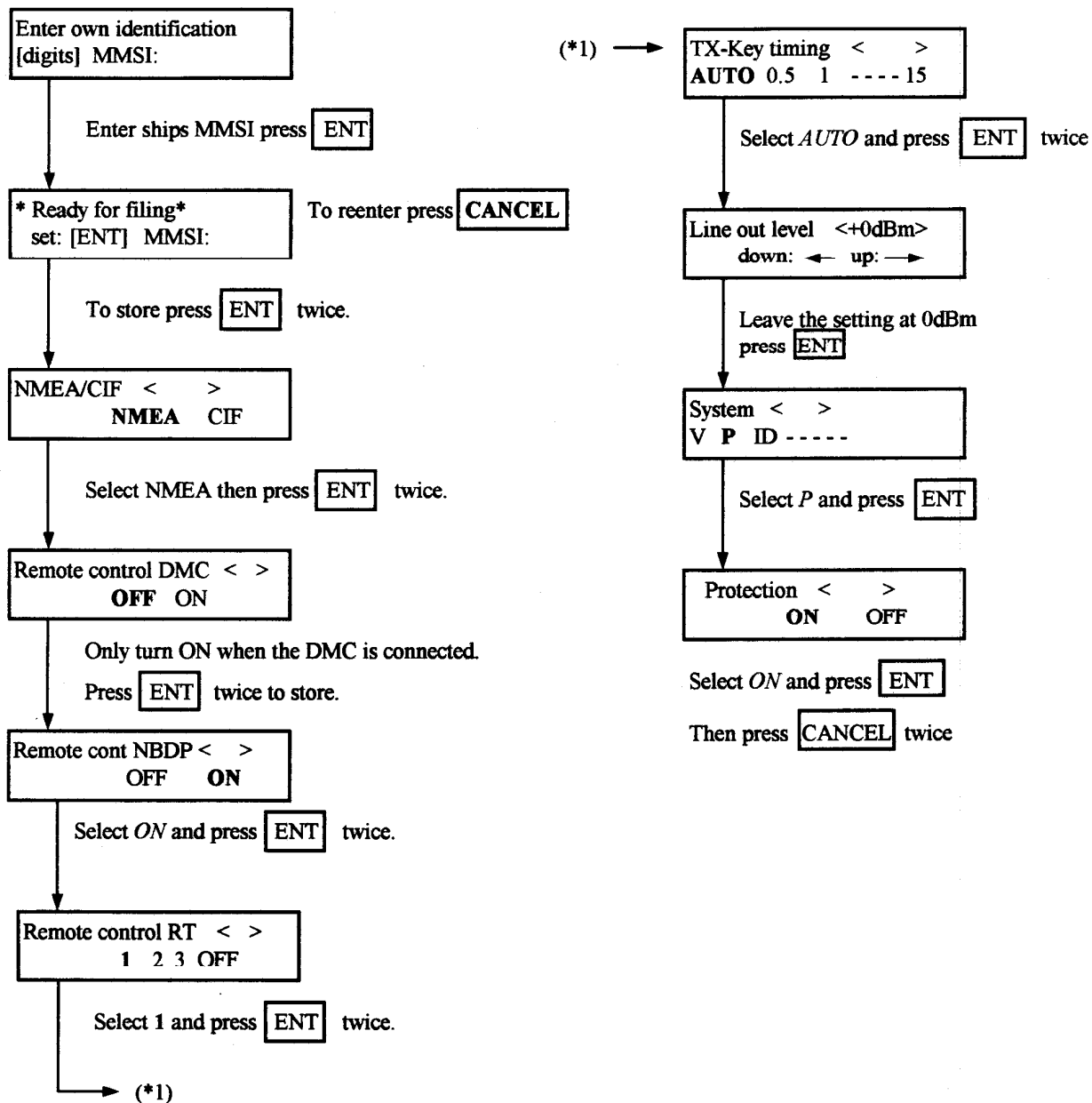4. Turn Protection back **ON** after changes are completed.

DSC-6

Changing the MMSI

1) Disconnect the power and the printer cable from the right printer on the GMDSS console. Remove the printer brackets and the printer from GMDSS Console.

2) Disconnect the cables from the rear of the DSC-6. Making note of their locations.

3) Remove the 4 screws holding the DSC-6 bracket in the console.

4) Remove the side screws and washers holding the bracket in place.

5) Remove the 6 screws in the back of the DSC-6 and remove the cover.

6) Connect power to the DSC-6.

7) Turn on the unit and wait for the **TEST** or **WATCH** screen to appear.

8) Press the NMI switch located on the front of the Control PCB (05P0407).

9) The unit will now turn off.

10) Power on the DSC-6. The screen will show **Clear**.

11) Use the right arrow key to select **EEROM**. Then press **ENT**.

12) The power will turn off. Turn the unit back on and follow the procedure on page 3 of this manual. When the procedure is completed continue at step 13.

13) Disconnect the power and install the cover with its 6 screws.

14) Install the side screws, washers and bracket. Then install the DSC-6 in the console using the 4 screws provided.

15) Reconnect all cables to the DSC-6.

16) Reinstall the printer and connect all appropriate cables.

17) Test the DSC-6 using the procedure from the installation manual.

DSC-6

MMSI and System Settings

1. Turn on unit.

2. After start up, follow setup procedure below. Verify all information, once the protection is activated it cannot be easily changed.

```
┌─────────────────────────────┐
│ Enter own identification    │                              (*1) ──→ ┌─────────────────────────────┐
│ [digits]  MMSI:             │                                       │ TX-Key timing   <      >    │
└─────────────────────────────┘                                       │ AUTO 0.5   1   - - - - 15   │
            │      Enter ships MMSI press │ ENT │                     └─────────────────────────────┘
            ▼                                                                      │   Select AUTO and press │ ENT │ twice
┌─────────────────────────────┐                                                   ▼
│ * Ready for filing*         │   To reenter press │ CANCEL │         ┌─────────────────────────────┐
│ set: [ENT]  MMSI:           │                                       │ Line out level   <+0dBm>    │
└─────────────────────────────┘                                       │        down: ◄─ up: ─►       │
            │      To store press │ ENT │ twice.                      └─────────────────────────────┘
            ▼                                                                      │   Leave the setting at 0dBm
┌─────────────────────────────┐                                                   │   press │ENT│
│ NMEA/CIF   <      >         │                                                   ▼
│         NMEA    CIF         │                                       ┌─────────────────────────────┐
└─────────────────────────────┘                                       │ System   <    >             │
            │      Select NMEA then press │ ENT │ twice.              │ V   P   ID - - - - -         │
            ▼                                                          └─────────────────────────────┘
┌─────────────────────────────┐                                                   │   Select P and press │ ENT │
│ Remote control DMC  <  >    │                                                   ▼
│         OFF   ON            │                                       ┌─────────────────────────────┐
└─────────────────────────────┘                                       │ Protection  <      >        │
            │      Only turn ON when the DMC is connected.            │         ON       OFF        │
            │      Press │ ENT │ twice to store.                      └─────────────────────────────┘
            ▼
┌─────────────────────────────┐                                          Select ON and press │ ENT │
│ Remote cont NBDP <   >      │
│          OFF     ON         │                                          Then press │CANCEL│ twice
└─────────────────────────────┘
            │      Select ON and press │ ENT │ twice.
            ▼
┌─────────────────────────────┐
│ Remote control RT  <  >     │
│          1   2 3 OFF        │
└─────────────────────────────┘
            │      Select 1 and press │ ENT │ twice.
            │
            └──→ (*1)
```

DP-6 (Refer to Service Manual)

Changing Answerback and ID Codes

1. Press [F5] to display the Station menu.

```
┌───────── Station ─────────┐
│  1:  Station Entry         │
│  ─────────────────────────│
│  2:  Timer Operation Entry │
│  ─────────────────────────│
│  3:  Scan Entry            │
│  ─────────────────────────│
│  4:  User Channel Entry    │
│  ─────────────────────────│
│  5:  Answerback Code Entry │
│  ─────────────────────────│
│  6:  Group ID Entry  (4/5 digit) │
│  7:  Group ID Entry  (9 digit)   │
│  8:  Select ID Entry (4/5 digit) │
│  9:  Select ID Entry (9 digit)   │
└────────────────────────────┘
```

2. Press numeric key, or highlight the number for the ID or Answerback code to be changed.

3. Press [Enter] key.

4. The display should look like one of the examples:

```
┌── Answerback Code Entry ──┐      ┌──────── Select ID Code ───────┐
│ Answerback Code            │      │ Select ID Code (9)             │
│                            │      │                                │
│ 123456789 X (example)      │      │ 123456789  (example)           │
└────────────────────────────┘      └────────────────────────────────┘
```

Answerback Code Entry Screen   **ID Code Entry Screen**

5. Press the [Caps Lock] key. Make sure caps lock is on.

6. Enter the unlocking code as shown in Figure 1.

DP-6 (Continued)

Changing Answerback and ID Codes

```
┌──── Answerback Code Entry ────┐          ┌──────── Select ID Code ────────┐
│ Answerback Code               │          │ Select ID Code (9)             │
│                               │          │                                │
│ 123456789 X   (example)       │          │ 123456789  (example)           │
└───────────────────────────────┘          └────────────────────────────────┘
          │                                            │
          │ CODE: Key in ANSWER(space)CODE             │ CODE: Key in ID(space)CODE
          ▼                                            ▼
┌──── Answerback Code Entry ────┐          ┌──────── Select ID Code ────────┐
│ Answerback Code               │          │ Select ID Code (9)             │
│                               │          │                                │
│ █                             │          │ █                              │
└───────────────────────────────┘          └────────────────────────────────┘
```
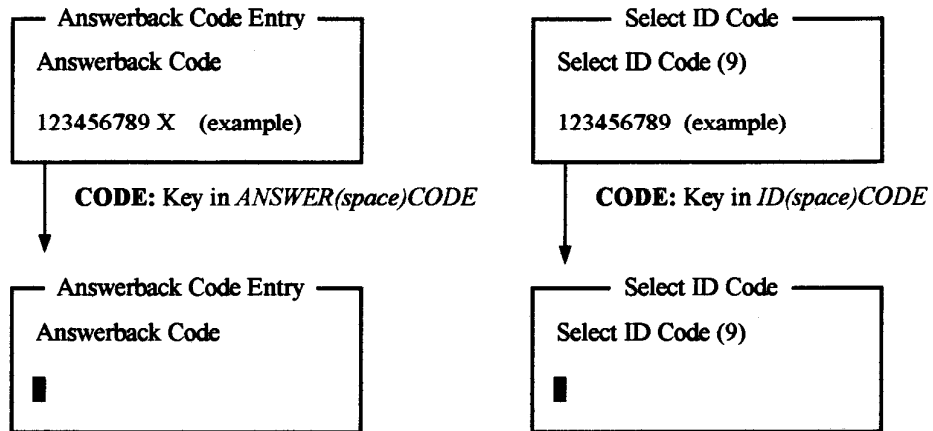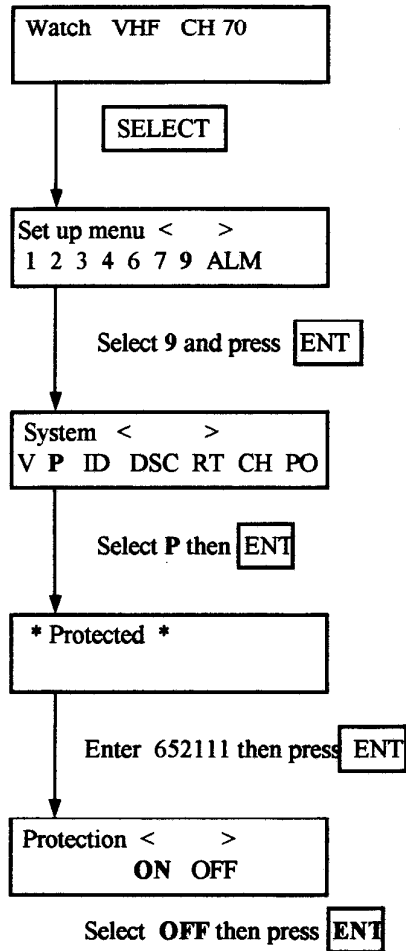
Figure 1

7. Enter new answerback or ID code.

8. Press [Enter] key. Verify information.

9. Press [Enter] key to end.

FM-8500

Changing System Settings

1. Turn on unit.

2. After start up, follow the procedure below:

```
┌─────────────────────────┐
│ Watch   VHF   CH 70      │
└─────────────────────────┘
            │
            ▼   ┌──────────┐
                │ SELECT   │
                └──────────┘
            │
            ▼
┌─────────────────────────┐
│ Set up menu  <      >    │
│ 1 2 3 4 6 7 9 ALM        │
└─────────────────────────┘
            │
            ▼   Select 9 and press ┌─────┐
                                   │ ENT │
                                   └─────┘
            │
            ▼
┌─────────────────────────┐
│ System   <        >      │
│ V  P  ID  DSC  RT  CH  PO│
└─────────────────────────┘
            │
            ▼   Select P then ┌─────┐
                              │ ENT │
                              └─────┘
            │
            ▼
┌─────────────────────────┐
│ * Protected *            │
└─────────────────────────┘
            │
            ▼   Enter 652111 then press ┌─────┐
                                        │ ENT │
                                        └─────┘
            │
            ▼
┌─────────────────────────┐
│ Protection  <      >     │
│             ON   OFF     │
└─────────────────────────┘
      Select OFF then press ┌─────┐
                            │ ENT │
                            └─────┘
```

3. Reset system settings as necessary.

4. Turn Protection back **ON** after changes are completed.

FM-8500 REWRITING the MMSI

THIS PROCEDURE WILL REVERT ALL SETTINGS TO FACTORY DEFAULTS !

1. Turn on the power and press the NMI switch located on the CONT PCB which is accessed by opening the bottom plate.

2. Turn off the power, then back on again. The next screen appears.

```
Clear <      >

NO  RAM  EEROM  ALL
```

3. Select *EEROM* and press *ENT*. After about 15 seconds, *"Turn off the power"* appears on the screen.

4. Turn the power off, then back on. The next screen appears.

```
TEST    VHF CH70

MANUAL
```

5. Press SELECT and 9, then the next screen appears.

```



V  P  ID  DSC  RT  CH  PO
```

6. Select *ID* and press *ENT*.

```
Enter your MMSI

MMSI =
```

7. Input your MMSI number (9 digits) and after ensuring that the number is correct, press *ENT*. The next screen appears.

FM-8500 REWRITING the MMSI (Continued)

```
┌─────────────────────────────────┐
│                                 │
│                                 │
│  V  P  ID  DSC  RT  CH  PO      │
└─────────────────────────────────┘
```

8. Select *P* and press *ENT.*

```
┌─────────────────────────────────┐
│ Protection  <    >              │
│                                 │
│    ON    OFF                    │
└─────────────────────────────────┘
```

9. Select *ON* and press *ENT.* If *ENT* is pressed once again, the MMSI entered is confirmed. Press *CANCEL* several times until the next display appears. This completes the procedure.

```
┌─────────────────────────────────┐
│ WATCH VHF CH70                  │
│                                 │
│ AUTO                            │
└─────────────────────────────────┘
```