FURUNO

INMARSAT-C MES

English

FELCOM18

Operator's Guide

The purpose of this guide is to provide the basic operation for this equipment. For more detailed information, see the Operator's Manual.

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LOGIN, LOGOUT

Login

Confirm that the terminal unit is idle then do the following:

1. Confirm that [SYNC (NCS)] appears at the bottom of the screen.
2. Press the **F7** key to display the [Options] menu.

```
┌─── Options ───┐
│ 1. Position   │
│ 2. Login      │
│ 3. Logout     │
│ 4. Abort      │
│ 5. Select NCS │
│ 6. Ocean Region│
│ 7. LES Information│
│ 8. Test       │
│ 9. Maintenance│
└───────────────┘
```

3. Press the **2** key to display the [Login] screen.

```
┌───────── Login ─────────┐
│                         │
│      ┌──────────────┐   │
│      │    Start      │   │
│      │ - - - - - - - │   │
│      │  Yes  │  No    │   │
│      └──────────────┘   │
│                         │
└─────────────────────────┘
```

4. [Yes] is selected in the [Start] window; press the **Enter** key to start the login process.

When login is completed, the message "Successful Login" appears. Press the **Esc** key to go to the standby display.

Logout

1. Press the **F7** and **3** keys to display the [Logout] screen.
2. [Yes] is selected in the [Start] window; press the **Enter** key to start the logout process.

When logout is completed, the message "Successful Logout." appears and the [Current State] indication changes from [LOGOUT] to [IDLE]. Then, turn off the FELCOM.

HOW TO SEND A MESSAGE TO A STATION SAVED TO THE STATION LIST

1. Prepare message on the screen.
   For e-mail, set [Text Mode] in the [Editor Setup] menu to [Ascii].
2. Press the **F3** key to display the [Transmit] menu.

```
┌─── Transmit ───┐
│ 1. Transmit Message│
│ 2. Cancel      │
│ 3. Request Delivery Status│
└────────────────┘
```

3. Press the **1** key to display the [Transmit Message] menu.

```
┌──────────────── Transmit Message ────────────────┐
│ Priority          Normal                          │
│ Message File                          Size    24  │
│ Station Name                                      │
│ Destination Type   TELEX/MES                      │
│   Prefix Code                                     │
│   Country/Ocean Code 82                           │
│   Destination       65-2111                       │
│   Modem Type                                      │
│   Address                                         │
│   Subject                                         │
│   Attach File                                     │
│ LES ID             303 (KDDI)                     │
│ Option             ON                             │
│   Confirmation     00:00                          │
│   Send Delay       Immediate                      │
│   Delivery Delay   IA5                            │
│   Code                                            │
│ [  TRANSMIT  ]                                    │
└───────────────────────────────────────────────────┘
```

4. Select [Station Name] then press the **Enter** key to open the Station List.

```
┌──────────────── Station List ────────────────┐
│ Group Station Name   Type   Code   ID / Address│
│ ─────────────────────────────────────────────│
│ 01  FURUNO       TELEX/ 81    321             │
│ 02  FRNINMBTSTS  TELEX/ 583   343199999       │
│ 03  Seagull      E-Mail  Seagull@furuno.co.jp │
│ 04  whale        E-Mail  whale@furuno.co.jp   │
│ 05                                            │
│ 06                                            │
│ 07                                            │
│ 08                                            │
│ ─────────────────────────────────────────────│
│ ↑ ↓: Select  SPACE: Select Stations  B.SPACE: Cancel Mark  INS: Edit│
│ Sort (Ctrl+G: Group, Ctrl+N: Station Name, Ctrl+T: Type)│
└───────────────────────────────────────────────┘
```

5. Choose a station then press the **Enter** key. To select multiple stations (simultaneous transmission), select a station and then press the Spacebar.
6. For e-mail do the following. For other types, go to step 7.
   1) Select [Subject] then press the **Enter** key.
   2) Type subject then press the **Enter** key.
   3) To attach a file, select [Attach File] then press the **Enter** key.
   4) Press the **Enter** key to open the file list.
   5) Select a file then press the **Enter** key.
   6) Press the **Esc** key to close the window. Go to step 7.
7. Select [LES ID] then press the **Enter** key to open the LES setting window.

```
┌──────────────────────────────┐
│ Name           LES ID  Remarks│
│ Vizada 201     201     USA    │
│ Stratos Global 202     CANADA │
│ KDDI           203     JAPAN  │
│ Vizada (NOR)   204     NORWAY │
│ Korea Telecom  208     SOUTH KOREA│
└──────────────────────────────┘
```

8. Select an LES then press the **Enter** key
9. Select [Confirmation] then press the **Enter** key.
10. To request notification of delivery from the LES, select [ON]. If not necessary select [OFF]. Press the **Enter** key.
11. Select [Send Delay] then press the **Enter** key. To send a message after a certain delay, enter a time up to 23 hours 59 minutes. Press the **Enter** key.

12. Select [Delivery Delay] then press the **Enter** key.
    Select [Immediate] or [Deferred] then press the **Enter** key.
13. Select [Code] then press the **Enter** key.
14. Select [IA5] then press the **Enter** key.
15. Put the cursor on [TRANSMIT] then press the **Enter** key to show the [Start] window.
16. Press the **Enter** key to send the message to the message queue.
17. Long-press the **Esc** key to return to the standby display.

If the message was sent successfully, "Successful Sending message" appears and the TX message is printed (if [Confirmation] is OFF).

How to cancel transmission on a message awaiting transmission

Press the **F3** and **2** keys to show the [Cancel] screen.

```
――――――――――――――― Cancel ―――――――――――――――
No.  Message File  Destination LES       Priority  Send Status
01   S11111.001    INET        Vizada 101 Normal   Sending
```

Select the message to cancel then press the **Enter** key.
Press the **Enter** key again to cancel the message.

HOW TO SEND THE DISTRESS ALERT

When a life-endangering situation arises on your vessel, send the distress alert as shown below.

1. If you have time to specify the nature of distress do steps 1) to 15) below. If not, go to step 2.
   1) Press the **F9** key to display the [Distress Alert Setup] screen.

```
――――――――― Distress Alert Setup ―――――――――
LES ID       303 (KDDI)
Update Time  06:23 02-02-25 (YY-MM-DD)
Position     LAT   35:00N
             LON  135:00E
Protocol     Maritime
Nature       Undesignated
Course       187
Speed        10 kn
```

   2) [LES ID] is selected; press the **Enter** key.
   3) Select a suitable LES then press the **Enter** key.
   4) Select [Update Time] then press the **Enter** key.
   5) Enter the current time then press the **Enter** key.
   6) Select [Position] then press the **Enter** key.
   7) Enter your current position in latitude and longitude then press the **Enter** key.
   8) Select [Nature] then press the **Enter** key.
   9) Enter applicable nature of distress then press the **Enter** key.
   10) Select [Course] then press the **Enter** key.
   11) Enter your course then press the **Enter** key.
   12) Select [Speed] then press the **Enter** key.
   13) Enter your speed then press the **Enter** key.
   14) Press the **Esc** key to show the [Update] window.
   15) [Yes] is selected; press the **Enter** key to finish.
2. Open the cover of the **DISTRESS** button on the Terminal Unit IC-218 or the Distress Alert Unit/Received Call Unit IC-305.
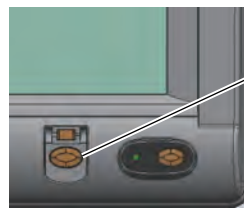
DISTRESS button

Terminal Unit IC-218
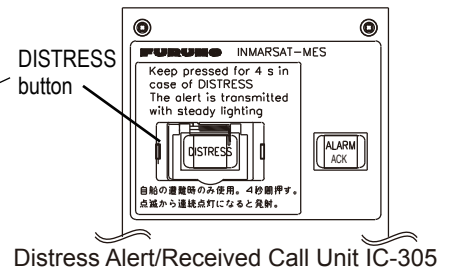
Distress Alert/Received Call Unit IC-305

3. Press the **DISTRESS** button until (approx four seconds) the lamp in the button lights continuously. The distress alert will not be sent until the lamp in the button lights continuously and the audio alarm sounds. The message "Sending Distress Alert" appears on the screen while the distress alert is being sent.

HOW TO SEND A DATA REPORT AT REGULAR INTERVALS

1. Press the **F5** and **1** keys to show the [Data Report] menu.
2. Press the appropriate numeric key to select a data report.

```
―――――――――――――― Data Report ――――――――――――――
Data Report Programming
Status          OFF
Report Length   Position and Course/Speed
Destination
  DNID
  LES ID
  Member No.
Activation      Regular Interval
Interval Time   00:10
Report Times    1 (---: No Limit)
Start Time1     --:--
Start Time2     --:--
Start Time3     --:--
Start Time4     --:--
```

3. Press the **Enter** key to open the status options window.
4. Select appropriate option then press the **Enter** key.
   OFF: Data report off
   ON: Enhanced Data Report (Data report w/confirmation)
   ON: Usual Data Report (Standard data report)
5. Select [Report Length] then press the **Enter** key.
6. Select appropriate option then press the **Enter** key.
   Position only: Own position
   Position and Course/Speed: Position, course and speed
   Position and Course/Speed with SEA INF: Position, course, speed, water temperature, tide, and depth
7. Select [DNID] then press the **Enter** key.
8. Select DNID desired then press the **Enter** key.
9. Select [LES ID] then press the **Enter** key.
10. Select LES ID desired then press the **Enter** key.
11. Select [Member No.] then press the **Enter** key.
12. Select Member No. desired then press the **Enter** key.
13. Select [Activation] then press the **Enter** key.
14. Select [Regular Interval] then press the **Enter** key.
15. Select [Interval Time] then press the **Enter** key.
16. Key in interval time then press the **Enter** key.
17. Select [Report Times] then press the **Enter** key.
18. Key in the report times, or press the **BackSpace** key to display "---" to select [No Limit] to transmit data until the Status setting is turned OFF. Press the **Enter** key.
19. Press the **Enter** key to close the window.