FURUNO

INMARSAT-C MES

Model FELCOM20

English

Operator's Guide

This guide provides the basic operating procedures for this equipment. For detailed information, see the Operator's Manual.

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Screen operation overview

Touch operation: Tap an icon.
Keyboard operation: Press any key from **F1** to **F6**.

Touch operation: Tap an icon.
Keyboard operation: Select an icon using the arrow keys, then press the **Enter** key to confirm the selection.

Login/Logout

Login

The terminal unit must be "idle" to login. ([IDLE] appears in [Current Status] on the [Dashboard] screen.

1. Confirm that [SYNC (NCS)] appears in [Frame Sync] on the [Dashboard] screen.
2. Tap [Menu] on the left side of the screen (keyboard: **F6** key) to open the [Menu] screen.
3. Tap [Login] (keyboard: select [Login] using the arrow keys → **Enter** key).
4. The confirmation mesage "Login process starting. Are you sure?" appears. Tap [OK] (keyboard: **Enter** key).

When login is completed, the [Current Status] indication on the [Dashboard] screen changes from [LOGIN] to [IDLE], and [Successful Login] appears below the [Current Status]. Also, [Login] appears in [Login Status].

Logout

1. Tap [Menu] on the left side of the screen (keyboard: **F6** key) to open the [Menu] screen.
2. Tap [Logout] (keyboard: select [Logout] using the arrow keys → **Enter** key).
3. The confirmation mesage "Logout process starting. Are you sure?" appears. Tap [OK] (keyboard: **Enter** key).

When logout is completed, the [Current Status] indication on the [Dashboard] screen changes from [LOGOUT] to [IDLE]. [Successful Logout] appears below [Current Status], and [Logout] appears in [Login Status]. Turn off the FELCOM20.
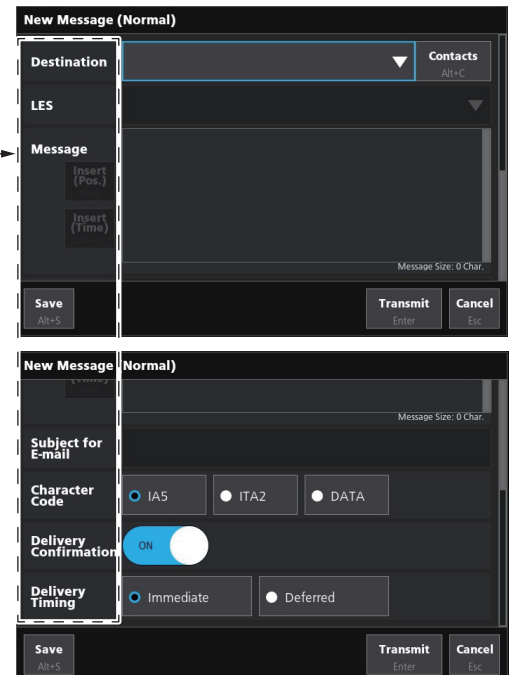
How to send a message to a destination registered on the Contacts list

1. Tap [Message] on the left side of the screen (keyboard: **F2** key) to open the message screen.
2. Tap [New MSG (Normal)] at the bottom of the screen (keyboard: **Alt + N** key) to open the [New Message (Normal)] window.

How to focus/select an item

Touch operation: Tap an input field for the appropriate item.
Keyboard operation: Press the **Tab** key to focus to the next item (to below or right). Press the **Shift + Tab** key to focus to the previous item (to above or left).

3. Enter your message in the [Message] area.
4. Tap [Contacts] at the top right corner of the window (keyboard: **Alt + C** key) to open the [Contacts List] window.
5. Tap ▼ of [Type] (keyboard: space bar) to open the [Destination Type] window.
6. Tap the destination type (keyboard: select the destination type using the arrow keys), then tap [OK] (keyboard: **Enter** key).
7. Tap the address(es) to put check mark(s) in the box(es) (keyboard: select the address(es) using the **Tab** key → press the space bar to put check mark(s)), then tap [Select] (keyboard: **Enter** key).
8. Tap ▼ of [LES] (keyboard: space bar) to open the [Select E-mail/SMS Service LES] or [Select LES] window.
9. Tap the LES (keyboard: select the LES using the arrow keys), then tap [OK] (keyboard: **Enter** key).
10. To insert the current position, place the cursor where to insert the information in [Message], then tap [Insert (Pos.)] (keyboard: **Alt + P** key).
11. To insert the current time, place the cursor where to insert the information in [Message], then tap [Insert (Time)] (keyboard: **Alt + T** key).
12. For e-mail, enter the subject in [Subject for E-mail]. For other communication formats, go to step 13.
13. Tap [IA5] (for e-mail, fax, SMS), [ITA2] (for telex), or [DATA] as appropriate in [Character Code] (keyboard: select [IA5], [ITA2], or [DATA] using the arrow keys).

14. To request notification of delivery from the LES, turn on [Delivery Confirmation]. If not necessary, turn off [Delivery Confirmation] (tap, or space bar for keyboard).
15. Tap [Immediate] or [Deferred] in [Delivery Timing] (keyboard: select [Immediate] or [Deferred] using the arrow keys).
16. Tap [Transmit] (keyboard: **Enter** key).
17. The confirmation message "Start transmission. Are you sure?" appears. Tap [OK] (keyboard: **Enter** key) to send the message to the message queue.
18. Tap [Dashboard] on the left side of the screen (keyboard: **F1** key) to return to the [Dashboard] screen.

[SENDING] appears in [Current Status] while the message is being sent. If the message was sent successfully, "Completed." appears and the TX message is printed (if [Delivery Confirmation] is turned off).

How to cancel transmission on message awaiting transmission

1. Tap [Message] on the left side of the screen (keyboard: **F2** key) to open the message screen.
2. Tap the [Sent] tab (keyboard: press the **Tab** key while pressing and holding the **Ctrl** key to select the [Sent] tab).

3. Tap the message to cancel and to put a check mark in the box (keyboard: select the message using the arrow keys → press the space bar to put a check mark), then tap [Details] (keyboard: **Enter** key) to open the [Message Details] window.
4. Tap [Option] at the bottom left corner of the window (keyboard: **Alt** + **O** key) to open the [Message Option] window.
5. Tap [Cancel Sending] (keyboard: **Alt** + **C** key).
6. The confirmation message appears. Tap [OK] (keyboard: **Enter** key).

How to send the distress alert

When a life-endangering situation arises on your vessel, do the following to send the distress alert to LES.

1. If you have time to spare, do steps 1) to 12) below to set your ship data and the nature of distress. If not, go to step 2.
   1) Tap [Distress] (keyboard: **F5** key) to open the [Distress Settings] screen.
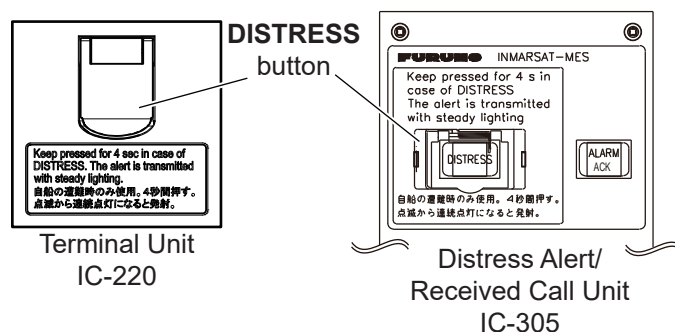

2) Tap ▼ of [LES] (keyboard: space bar) to open the [Select LES] window.
3) Tap the LES to call when your ship is in distress (keyboard: select the LES using the arrow keys), then tap [OK] (keyboard: **Enter** key).
4) Tap ▼ of [Nature] (keyboard: space bar) to open the [Select Nature] window.
5) Tap the nature of distress (keyboard: select the nature of distress using the arrow keys), then tap [OK] (keyboard: **Enter** key). When manually inputting the latitude, longitude, time of position, COG, and SOG, go to the next step.
6) Tap [Manual Input] at the bottom left corner of the screen (keyboard **Alt** + **M** key). The countdown indication appears for three minutes.
7) Enter the latitude of your current position in [LAT]. Tap [N] or [S] for appropriate coordinate (keyboard: space bar).
8) Enter the longitude of your current position in [LON]. Tap [E] or [W] for appropriate coordinate (keyboard: space bar).
9) Enter the current time in [Time of Position (UTC)].
10) Enter your course in [COG].
11) Enter your speed in [SOG].
12) Tap [Apply] at the bottom right corner of the screen (keyboard: **Enter** key).

2. Open the cover of the **DISTRESS** button on the Terminal Unit IC-220, or the Distress Alert/Received Call Unit IC-305.

Terminal Unit IC-220

Distress Alert/ Received Call Unit IC-305

3. Press and hold the **DISTRESS** button (approx. four seconds) until the lamp in the button lights continuously. While pressing the button, an audio alarm sounds and the message "Distress Button Pressed" (black characters on red background) appears on the screen. When the distress alert is sent, the audio alarm stops and the lamp in the button lights continuously. The message "Distress Alert Activated" (black characters on red background) appears on the screen while the distress alert is being sent. The status is "SENDING DISTRESS ALERT". Wait for acknowledgment of distress from the LES, which takes from 30 seconds to 10 minutes. When you receive acknowledgment of the distress alert from the LES, the status changes to "DISTRESS ACK RECEIVED". To silence the audio alarm, press the **SILENCE** key on the terminal unit, the **F10** key on the keyboard, or tap [Close] (keyboard: **Esc** key) on the pop-up message window.