### EQUIPMENT LIST

**Standard**
- 1 Transceiver Unit FS-2575/FS-5075, FS-2575/FS-5075 1 Unit
- 2 Control Unit FS-2575C 1 Unit
- 3 Handset HS-2003 1 Unit
- 4 Antenna Coupler AT-5075 1 Unit

**Option**
- 1 Printer IF-8500 1 Unit
- 1 Printer Interface IF-850D 1 Unit
- 3 External Speaker SEM-21Q 1 Unit
- 1 Remote Control Unit FS-2575C 1 Unit
- 2 NBDP Terminal Unit IB-583 1 Unit
- 1 BK Interface BK-300 1 Unit

**Printer Interface IF-8500**
- 1 AC/DC Power Supply PR-850A 24 VDC, 100/110/120/200/240 VAC with optional AC/DC Power Supply PR-850A

**Antenna Coupler AT-5075**
- 4 Antenna Coupler AT-5075 1 Unit

**Control Unit FS-2575C**
- 10 kg 4.2 lb

**Transceiver Unit FS-2575T**
- 20 kg 44.1 lb

### SPECIFICATIONS

**Frequency Range**
- TX: 1605.0 kHz to 27500.0 kHz
- RX: 100 kHz to 29999.99 kHz

**SSB Radiotelephone**

**Official Name of Equipment**
- Model: FS-2575, FS-5075

**Number of Channels**
- 256 user-specified channels plus ITU, SSB/TELEX channels

**Communication Mode**
- simplex
- semi-duplex
- duplex (option)

**Power Supply**
- 24 VDC
- 100/110/120/200/240 VAC

**Message Storage**
- RX: 50 distress messages, plus 50 non-distress messages

**Antenna**
- 10-18 m whip or wire

**RF Output Power**
- 250 W pep
- 500 W pep (HF)
- 400 W pep (MF)

**Distress/Safety DSC**
- 2187.5 kHz, 4207.5 kHz, 6312.0 kHz, 8414.5 kHz, 12277.0 kHz, 16884.5 kHz

**DSC Receiving Frequency**
- All DSC frequencies in MF/HF

**Transceiver Unit FS-2575T**
- FS-2575C
- FS-5075T

**Equipment**
- 4 Antenna Coupler AT-5075
- 3 Handset HS-2003
- 2 Control Unit FS-2575C
- 2 Printer Interface IF-8500
- 1 AC/DC Power Supply PR-850A
- 1 BK Interface BK-300

**Specifications Subject to Change Without Notice**
Reliable MF/HF Radiotelephone for general and distress communications with integrated DSC/DSC Watch Receiver

- MF/HF radiotelephone with DSC facility
- Fully meets GMDSS carriage requirements for SOLAS ships operating in A3 and A4 sea areas
- High-contrast 4.3” bright color LCD (480x272 pixels)
- Capable of distress, safety and routine communication
- Instant selection of 256 user-specified channels with a rotary knob or direct keypad input
- Quick access to DSC message composition by dedicated keys on the control unit
- Full-duplex kit available (optional supply for the FS-5075 only)
- Quick access to dedicated functions in the menu operation using numeric keypad

**MF/HF Radiotelephone**

- **FS-2575** (250 W)
- **FS-5075** (500 W)

**Control Panel**

1. **Volume/Power knob**: Sound volume control / Switching of Power ON/OFF
2. **RF GAIN knob**: Adjustment of reception gain
3. **PUSH TO ATT**: Press to activate/deactivate RF attenuator
4. **Long-press to transmit a DSC distress alert**
5. **Composition of DSC message for distress alert**
6. **Composition of DSC message except for distress alert and DROBOSE (DSC relay on behalf of someone else*)**
7. **Activation of the brilliance control dialog box**
8. **Composition of DSC message for DROBOSE**
9. **Activation of tab segment control on the screen**
10. **Opening/closing of the menu dialog box**
11. **Deactivates alarm/deletion of error and pop-up messages/halting of DSC message composition/exiting from the message composition dialog box/distress cancellation/returning to a previous menu level**
12. **Switching the speaker ON/OFF**
13. **PUSH TO ENTER knob**: Shifts the selector and pointer / adjusts the degree of parameter, i.e., brilliance and switch over the display mode
14. **Press to confirm the entered values**
15. **SCAN**: Switches to the DSC SCAN mode / if pressed during the DSC SCAN mode, routine scan will be halted
16. **Sets to 2182 kHz SSB**
17. **Switches to radiotelephone mode, and if pressed in radiotelephone mode, channel setting box will be summoned**
18. **Used to enter the following number and symbols ([ ] # $ % & ‘ ” ( ) * + , - . / : ; < = > ? @ \ $ ^ _ ` { } ~ / ) to tune impedance between an antenna and a transceiver**
19. **Used to reduce the receiver volume of the handset / to shift the pointer in channel/frequency selection dialog box**
20. **Used to raise the receiver volume of the handset / to shift the pointer in channel/frequency selection dialog box**

* composition and relay of the occurrence of a distress event obtained by non-DSC means
Reliable MF/HF Radiotelephone
for general and distress communication
with integrated DSC/DSC Watch Receiver

▲ MF/HF radiotelephone with DSC facility
FS-2575: 250 W output power       FS-5075: 500 W output power

▲ Fully meets GMDSS carriage requirements for SOLAS ships operating in A3 and A4 sea areas
▲ High-contrast 4.3" bright color LCD
▲ Capable of distress, safety and routine communication
▲ Instant selection of 256 user-specified channels with a rotary knob or direct keyboard input
▲ Quick access to DSC message composition by pressing dedicated keys on the control unit
▲ Full-duplex kit available (optional supply for the FS-5070 only)
▲ Quick access to dedicated functions in the menu operation using numeric keypad

Night Mode
Night mode is selectable for wheelhouse operation.

Display Modes

Radiotelephone display
1. Status segment
Indicating the status of equipment, i.e., speaker ON/OFF, unread DSC message in the inbox, hardware error, etc. Also, MMSI is shown in radiotelephone and DSC scan displays.

2. Information segment
Displaying:
1. user channel selected
2. operating frequencies
3. class of emission, AGC, output power and communication mode
4. signal strength, meter reading (IC, VC, RF, VS and IA (antenna current))
5. currently activated functions, (i.e., noise blanker, etc.)
6. short-cut functions assigned for 1, 4 and 7 on the numeric keypad
7. own ship L/L, Time
8. indications of RF input attenuator ON/OFF as well as RF gain

3. Tab segment
Up to 7 active procedures can be displayed in this segment. The procedures are for operating: radiotelephone, distress alert transmission, distress alert reception, general DSC message transmission and general DSC message reception.

DSC SCAN display
1. Status segment
Indicating status of equipment, i.e., speaker ON/OFF, unread DSC message in the inbox, hardware error, etc., TX/RX frequencies/class of emission for successive communication.

2. Information segment
Displaying:
1. DSC watch frequencies (both distress and routine)
2. own ship L/L, Time
3. indications of RF input attenuator ON/OFF as well as RF gain

3. Guide segment
Guide to short-cut key functions is displayed.

DSC display
1. Status segment
Displaying:
1. DSC contents, status and information
2. a list of available operator actions
3. indications of RF input attenuator ON/OFF as well as RF gain

Menu display
2. Information segment
Displaying menu tree

Quick-access functions

On the menu setting, three quick-access functions can be assigned for 1, 4 and 7 on the numeric keypad, and those assigned functions are displayed on the Radiotelephone display. The list of functions assigned for quick-access includes: TX frequency setting, RX frequency setting, class of emission setting, AGC setting, output power setting, TX frequency monitoring, showing the list of test messages, showing the list of message files, execution of daily test, showing the list of log files, and intercom functions.

F1, F2 and F3 on the menu represent the functions assigned for 1, 4 and 7 on the numeric keypad, respectively.