

**FURUNO**

# **GMDSS**

*Global Maritime Distress and Safety System*

## **RC1815/RC1825 GMDSS Radio Station**

*Pre-wired rack mount solution dramatically reduces installation time and cost*

This radio package contains all the necessary equipment for ships operating in the GMDSS sea areas A 1-2-3. The package provides an easy-to-operate configuration, with minimal installation time required for retrofitting an existing ship or new build. Each unit is prewired in the rack to further reduce installation time.

***GMDSS type approved for  
Sea Areas A1/A2/A3***

All equipment in the package is type approved to the latest IMO, ITU, IEC and ETS standards. The MF/HF Radiotelephone is available in transmitter powers of 150 and 250 watts. DSC messages are displayed on the 120 x 64 dots LCD screen of the radiotelephone. The VHF radiotelephone FM8900S, which contains Digital Selective Calling (DSC) and Watch Keeping facilities, can be installed in the front of the navigation bridge. It works on all simplex and semi-duplex VHF channels and can be easily connected with a Voyage Data Recorder, such as the Furuno VR3000.

The Felcom 18 provides all functions and services of the Inmarsat-C system: EGC (Safety NET/FleetNET), distress message handling, two-way digital store-and-forward messaging including polling, data reporting, E-mail, etc. Distress alerts are initiated by the remote distress alert unit. The distress alert button is incorporated in the display for immediate access.



# SPECIFICATIONS OF RC1815 & RC1825

## EQUIPMENT LIST:

- Felcom 18 Inmarsat-C MES complete set
- FS1575 or FS2575 GMDSS-Compliant Radiotelephone
- FM8900S VHF Semi-Duplex Radiotelephone (2)
- PP510 GMDSS Compliant Dot Matrix Printer (2)
- PR850A External Rectifier
- IB585 NBDP Telex Terminal Unit
- FUSA1800 GMDSS Console Rack

*Batteries, Chargers, Antenna and Antenna Mounts are not included.*



### FS1575 (150W) or FS2575 (250W) Radiotelephone

The FS1575 (150 Watt) or FS2575 (250 Watt) is a reliable MF/HF Radiotelephone for general and distress communications with integrated DSC/DSC Watch Receiver. It facilitates both general and GMDSS communications, operating as a DSC transceiver and as a DSC Watch Receiver on all distress and safety frequencies in MF and HF bands. A NBDP modem incorporated in the transceiver allows telex operation and distress message/maritime safety information handling, when an IB585 is connected, satisfying the carriage requirements for the GMDSS A3-A4 sea areas.



### FM8900S 25 Watt Semi-Duplex VHF Radiotelephone

The Furuno FM8900S is a Semi-duplex 25-Watt VHF Radiotelephone with a built-in Class-A DSC and CH70 watch Receiver. It features an easy-to-read, high-contrast 4.3" bright color LCD, enhanced noise reduction and speaker for superb voice quality, and quick-access CH16 key. Channel selection is simplified with the inclusion of both a rotary control and direct keypad input. Automatic entry of own ship position and time is accomplished through interfaced GPS receiver. The FM8900S can also connect to an office or home via an existing PSTN (Public Switched Telephone Network).

## Where to buy:



Tel: 281-479-1515  
marinesales@mackaycomm.com



### Felcom 18 Inmarsat-C Mobile Earth Station

The FELCOM18 is FURUNO's new Inmarsat-C Mobile Earth Station. It provides a high quality two-way telex and data link between ships and other parties at sea or on land. All functions and services of the Inmarsat-C system are provided: EGC (Safety NET/FleetNET), distress message handling, and two-way digital store-and-forward messaging, including polling, data reporting, E-mail, etc. Distress alerts are initiated by the remote distress alert unit.



### IB585 NBDP Telex Terminal Unit

The IB585 is a 10.4" color LCD display for use with multiple products, including the RC1800 series GMDSS consoles. The IB585 displays messages at 72 characters/line with 25 lines/screen. File management, text editor and utility programs ensure easy operation. The terminal also comes with a keyboard and uses SD cards for storage.



### PP510 GMDSS Compliant Dot Matrix Printer

The PP510 prints 88 characters per line on 8.5" x 60 meter single-ply paper.