

Compact, flexible configuration

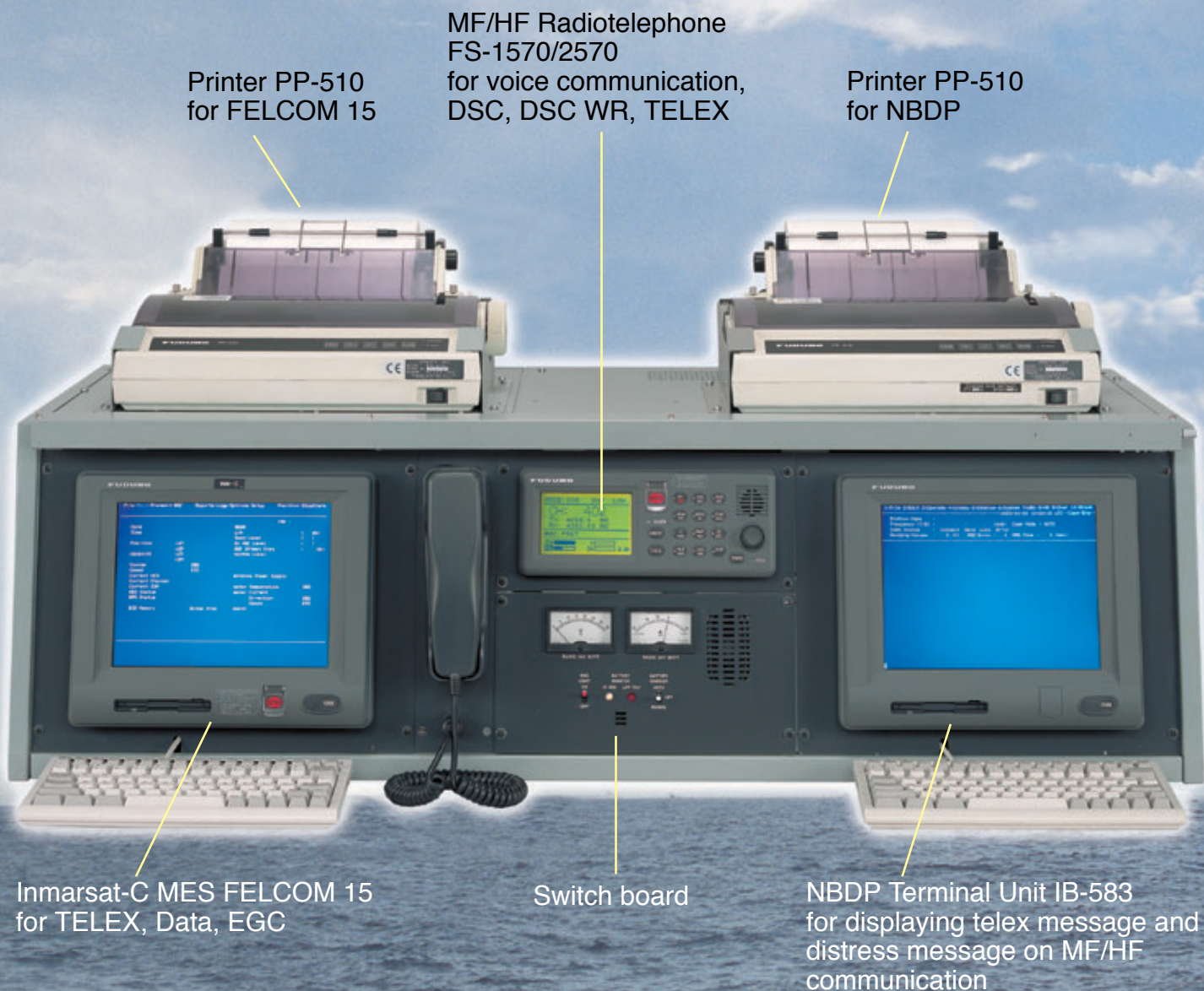
## GMDSS RADIO CONSOLE

### A1-2-3 Radio Package **RC-1800T**

- Space-saving installation
- Compact VHF/DSC FM-8500/8700 for installation in conning position
- All radios incorporated comply with relevant IMO/SOLAS and ITU regulations, ETS and IEC standards
- Simple and reliable distress operation with protection from false alert
- Pre-wiring console minimizes installation time on existing vessels and new builds



# Quality radio communications For GMDSS sea areas A1-2-3



This radio package contains all the necessary radio equipment for ships operating in the GMDSS sea areas A1-2-3. The availability of radiocommunications is assured by equipment redundancy such as two VHF's. The package provides an easy-to-operate configuration, with minimal installation time for retrofitting an existing ship or new builds. Each unit is pre-wired in the rack to help reduce installation time. All equipment in the package is type approved to the latest IMO, IEC, ITU and ETS standards.

DSC messages are displayed on the 10.4 inch LCD screen. The MF/HF Radiotelephone is available in transmitter powers of 150, 250 and 400 watts. The VHF radiotelephone FM-8500 contains a digital selective calling (DSC) facility and fits nicely in the conning position. It works on all simplex and semi-duplex channels as defined by the ITU and local Administrations for normal traffic and watch keeping. The VHF radiotelephone can be connected with a Voyage Data Recorder.



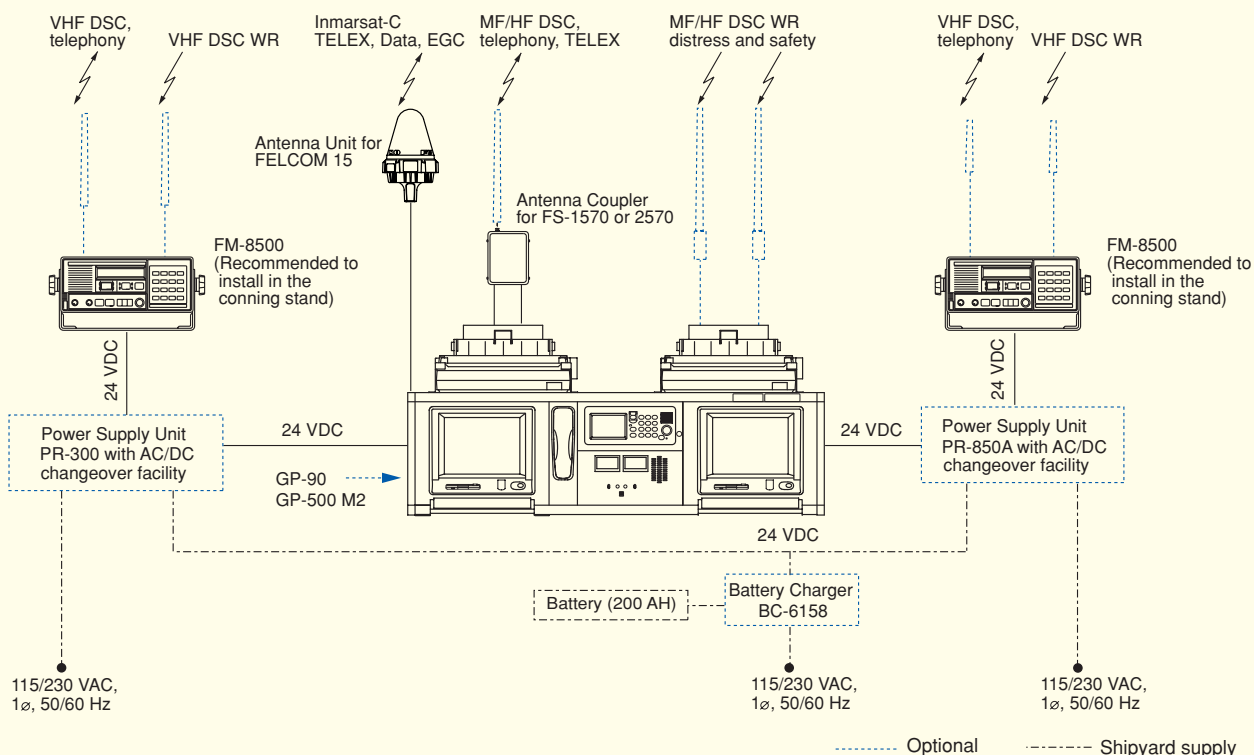
# in a single integrated unit.

## VHF Radiotelephone FM-8500

The FURUNO FM-8500 is a cost-effective all-in-one marine VHF radio system consisting of a simplex/semiduplex 25 W VHF Radiotelephone, a DSC Modem and a CH 70 Watch Receiver. It complies with GMDSS carriage requirements for safety and general communications. For those needing full-duplex VHF Radiotelephone, FM-8700 is a best choice.



## Interconnection Diagram



Example of system configuration	Inmarsat-C	MF/HF Radiotelephone	MF/HF, DSC, DSC WR	NBDP
Standard system configuration	FELCOM 15	FS-1570 (150 W) or FS-2570 (250 W) + IB-583		
400 Watts MF/HF Radiotelephone	FELCOM 15	FS-5000 (400 W)	DSC-60	DP-6
Dual Inmarsat-C	two units of FELCOM 15	FS-1570 (150 W) or FS-2570 (250 W)		

## EQUIPMENT LIST OF RC-1800T

### ◆ Radio Console RC-1800T includes:

- Inmarsat-C MES **FELCOM 15** 1 set
- MF/HF Radiotelephone **FS-1570** (150 W), **FS-2570** (250 W) or **FS-5000** (400 W) 1 set
- NBDP Terminal Unit **IB-583** 1 set
- Printer **PP-510** 2 sets

### ◆ VHF Radiotelephone with VHF DSC/Watch Receiver

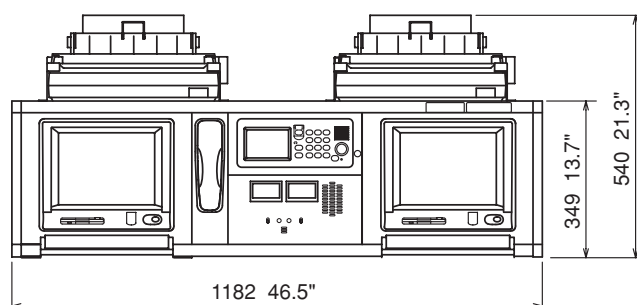
- **FM-8500** (simplex) or **FM-8700** (full-duplex) 2 sets

### ◆ Power Supply

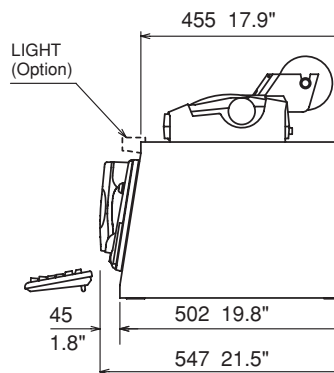
- Power Supply Units with AC-DC changeover facility  
PR-300 (20 A) and PR-850A (60 A)  
*Number of power supply units depends on the total power consumption.*
- Battery Charger BC-6158, Output: 24 VDC, 30 AH  
Ship's supply 115/230 VAC, 1ø, 50/60 Hz, 2.2 kVA max

**RC-1800T**

110 kg 242.5 lb

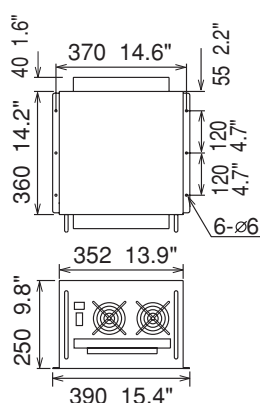


LIGHT  
(Option)



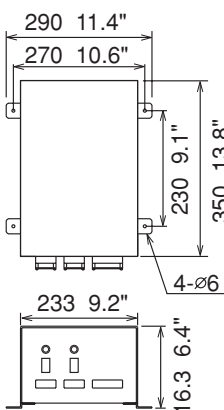
**PR-850A**

35 kg 77.2 lb



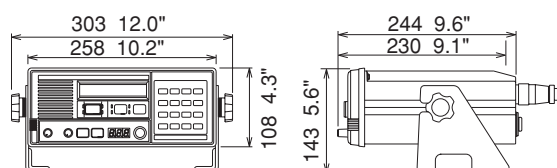
**PR-300**

14.5 kg 32.0 lb



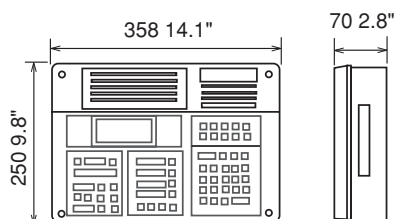
**FM-8500/8700**

5 kg 11.0 lb



**FS-5000**

2.5 kg 5.5 lb



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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03103N Printed in Japan