The FELCOM 15 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, two-way digital store-and-forward messaging including polling, data reporting, E-mail, etc.

Distress alert are initiated by the remote distress alert unit. The distress message including own ship’s position is easily edited. A PC can be used for editing the message via Ethernet when it is supplied with dedicated software.

The FELCOM 15 consists of an antenna and display unit with keyboard. The display unit embodies a 10.4” color LCD and processor unit. The distress alert button is incorporated in the display for emergency. Data files and utility program on floppy disks are easily loaded into the processor through the front loading disk drive in the display unit. The compact design of display unit and omni-directional antenna unit offer space-saving installation. An optional GPS module is available for position reporting without operator’s intervention. GMDSS compliance can be achieved by adding a printer and a AC/DC power supply unit.

The future today with FURUNO’s electronics technology.

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Catalogue No. W-3247a
**SPECIFICATIONS OF FELCOM 15**

**Rule and Regulations**

**Class identification**
Felcom 15 is Class 2 Inmarsat-C SES
(For info Class 0: EGC, Class 1: Basic SES + EGC, Class 2: Basic SES + independent EGC)

**Inmarsat-C services supported**
- EGC receiving (SafetyNET™, FleetNET™)
- Distress message handling
- Two-way, digital store-and-forward message handling: Telex, FAX (PSN), Internet E-mail, X.25 (PSDN), X.400 (MHS), Closed Network (DNID), Special Access Code
- Polling, Data Reporting

**Equipment List**

<table>
<thead>
<tr>
<th>Standard</th>
<th>1. Antenna Unit with 30 m Cable</th>
<th>1 unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Terminal Unit with Keyboard</td>
<td>1 unit</td>
<td></td>
</tr>
<tr>
<td>3. Junction Box</td>
<td>1 unit</td>
<td></td>
</tr>
<tr>
<td>4. Distress Alert/Received Call Unit</td>
<td>1 unit</td>
<td></td>
</tr>
<tr>
<td>5. Alarm Unit</td>
<td>1 unit</td>
<td></td>
</tr>
<tr>
<td>6. Installation Materials and Spare Part</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Option**
- 1. GPS Board Kit OP16-24
- 2. Printer PP-510
- 3. Software for PC
- 4. Antenna Cable 8D-FB-CV (50 m), 12D-FB-CV (100 m)
- 5. AC/DC Power Supply Unit PR-240*

*Required for EGC, IMO Res. A.664 (16)/4 to operate on ship’s mains

**Utility Programs**
System status indication, System diagnostic, Performance verification test (PVT), Commissioning sequence, Station list, Log book

**Message editing**
File protection by password, Easy editing by cut, paste, copy, search and replace commands

**Environment**
Temperature: -15°C to +55°C (Protected units)
-25°C to +70°C (Exposed units)

**Specifications Subject to Change Without Notice**