SAILOR® 6150 MINI-C DISTRESS

New generation Inmarsat mini-C VMS & tracking solution

2013 Product Sheet

The most important thing we build is trust

The SAILOR 6150 mini-C Distress is the most sophisticated, fully approved dedicated Vessel Management System (VMS) and tracking terminal available on the market. In addition to offering full VMS and tracking functionality, it also offers Non-SOLAS distress functionality and the reception of EGC messages and SafetyNet/FleetNet, which provides a significant boost to the safety of your vessel and crew.

Designed for extreme conditions

The system is a single, self-contained and sealed terminal, housing both antenna and transceiver. This design approach has proven to be rugged and reliable, especially for use aboard the harsh environment of a professional fishing vessel and with the terminal's 50 channel GPS module and omni-directional antenna, satellite fix and position are ensured even under the most adverse conditions.

Maritime Distress Calling

The SAILOR 6150 mini-C Distress features the trusted Inmarsat-C maritime Non-SOLAS distress function. This has long been an integral part of safety at sea as GMDSS. No matter where you go or how rough the sea, pressing the distress button activates a high priority distress message relayed automatically to the nearest MRCC. The MRCC will respond with rescue coordination activities including EGC SafetyNet messages to all nearby vessels so assistance may be provided.

Vessel Monitoring System (VMS)

SAILOR 6150 mini-C Distress provides a number of advanced tracking functions. With GeoFencing you can divide relevant sea areas into a range of geographical zones meaning you can define special areas of interest where specific reporting intervals come into effect and also be alerted when your vessel is out of its designated zone.

Event Reporting

With the optional TCU programming for advanced monitoring is available with up to 14 I/O pins or 7 output pins, depending on configuration. Power events, antenna blockage and other events can trigger event reports.

Two-Way Messaging

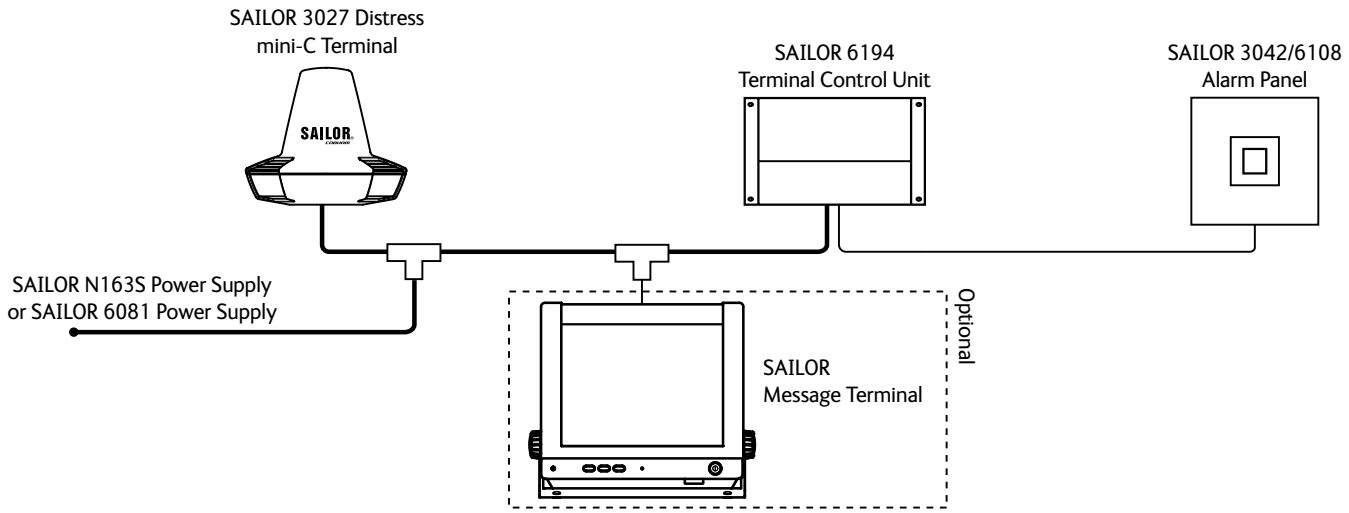
With the SAILOR 6150 mini-C Distress it is easy to send various types of text messages. Simply connect a PC to the terminal and you are ready to receive Enhanced Group Calls or send catch reports at all times. You can also exchange e-mails, fax, SMS, and special messages to other Inmarsat-C users.

Free Enhanced Group Calling (EGC)

EGC can improve safety and at sea.
It can include severe weather warnings, drifting goods notifications and distress information about nearby ships or general information from flag authorities on shore (SafetyNet/FleetNet). EGC reception, configuration are done easily via the free easyMail PC program.

SAILOR® 6150 MINI-C DISTRESS

New generation Inmarsat mini-C VMS & tracking solution



GENERAL	
General specifications	Meets Inmarsat maritime specifications and SOLAS Resolution XI-2/6
Inmarsat Type Approval	4TT098

TERMINAL UNIT SPECIFICATIONS	
Operating frequencies	Rx Frequency Band: Rx: 1525 - 1545 MHz
	Tx Frequency Band: Tx: 1626.5 - 1646.5 MHz
GPS module	50 channel
Terminal interface	NMEA2K DeviceNet Mini-style, Male

ANTENNA UNIT SPECIFICATIONS	
G/T	-23.7 dBk at 5° elevation
EIRP	Min. 7 dBW at 5° elevation
Antenna elevation	-15° to 90°

POWER SPECIFICATIONS	
Absolute power supply range	10.5 - 32 VDC
Nominal power input	15 VDC
Power consumption (typical)	Rx: 1.85 W @ 15 VDC
	Tx: 22 W @ 15 VDC

TERMINAL CONTROL UNIT SPECIFICATIONS	
Interface options	CAN interface NMEA2K mini
	RS-232
	LAN interface RJ45

DIMENSIONS AND WEIGHT	
mini-C Terminal	Diameter: 170.5 mm
	Height: 145 mm (without pole mount)
	Weight: 1,1 Kg
Terminal Control Unit	239 mm x 172 mm x 54 mm
	Weight: 0,8 Kg

COMPARISON CHART

	SAILOR 6110 mini-C	SAILOR 6120 mini-C	SAILOR 6130 mini-C	SAILOR 6140 mini-C	SAILOR 6150 mini-C
GMDSS	X				
SSAS	X	X			
LRIT	X	X	X		
SafetyNET	X		X	X	X
Non-SOLAS Distress					X
Tracking	X	X	X	X	X

ThraneLINK

ThraneLINK is a sophisticated communication protocol that connects the SAILOR products in a network, offering important new opportunities to vessels. It provides facility for remote diagnostics and enables access to all the SAILOR products from a single point for service. This results in optimized maintenance and lower cost of ownership because less time is needed for troubleshooting and service. Installation is made easier as ThraneLINK automatically identifies new products in the system. The uniform protocol is an open standard which provides a future proof solution for all vessels.

For further information please contact:

Cobham SATCOM Maritime
Lundtoftegaardsvej 93 D
DK-2800 Kgs. Lyngby
Denmark
www.cobham.com
Tel: +45 3955 8800
Fax: +45 3955 8888