

SAILOR SYSTEM 4000 GMDSS



GMDSS systems
for worldwide
communication
and safety



SYSTEM 4000 GMDSS

Less equipment

- more communication

SAILOR has set new standards for size and performance in the GMDSS market with the compact System 4000 GMDSS console with integrated SSB, DSC and telex.

With the SAILOR System 4000 GMDSS on board you not only fulfil all the relevant requirements, you have also made a sound investment in both safety and efficiency; in short, you have invested in future.

SAILOR has become almost synonymous with GMDSS. More than 1/3 of all commercial vessels covered by the international conventions has

already chosen the high quality products and service from SAILOR. In addition, SAILOR System 4000 GMDSS provides a large number of attractive convenience and safety facilities – either as a complete solution or as a series of stand-alone products.

Modular flexibility

No two customers are exactly alike, and requirements vary from vessel to vessel. Therefore, the SAILOR System 4000 GMDSS solution is always available in a configuration to match the actual communication and safety needs exactly, regardless of whether you operate in sea area A1, A2, A3 or A4.

As standard the system console is delivered with emergency light, battery panel, loudspeaker and connection board. The console is fitted with removable front plates, which greatly facilitates service and maintenance procedures, and the modular structure of the whole system means that it can readily be extended and altered.

Furthermore, all the equipment in the System 4000 GMDSS range complies with the standard dimensions, making rack mounting in existing bridge console a simple and straightforward procedure.



Flexible GMDSS Solutions

The SAILOR MF/HF product family offers several GMDSS solutions fulfilling specific needs.

SAILOR System 4000 150W

The System 4000 150W MF/HF PEP transceiver with integrated DSC complies not only with the relevant GMDSS safety requirements, it has also set new standards for compactness, reliability, versatility and user friendliness.

System 4000 150W MF/HF system:

- Transceiver unit HT4610 including transmitter, receiver with scanning function, a 1-channel dedicated DSC watch receiver and 24V DC power supply
- Control unit HC4500B
- Antenna tuning unit HA4615

The System 4000 150W MF/HF transceiver satisfies the MF/HF requirements for GMDSS A2. In combination with two Inmarsat-C transceivers the system also satisfies the MF/HF requirements for GMDSS A3.

SAILOR System 4000 250W

The very flexible System 250W MF/HF PEP transceiver with integrated DSC watch receiver can be delivered in a number of different combinations in order to fulfil the individual needs onboard different types of vessels.

System 4000 250W MF/HF system:

- Control unit HC4500
- Antenna tuning unit HA4525
- Transceiver unit HT4520 in the following versions:
 - 250W transceiver unit with built-in 1-channel DSC watch receiver and radio telex modem
 - 250W transceiver unit with built-in 6-channel DSC scanning watch receiver and radio telex modem
 - 250W transceiver unit as above with built-in AC power supply
 - 250W transceiver unit as above with built-in AC power supply and battery charger option

The System 4000 250W MF/HF satisfies the MF/HF requirements for GMDSS A2, A3, and A4.

SAILOR System 4000 500W

The very powerful System 4000 500W MF/HF PEP transceiver with integrated DSC watch receiver can be delivered in a number of versions for flexible solutions.

System 4000 500W MF/HF system:

- Control Unit HC4500
- Antenna tuning unit HA4555
- External AC power supply PS4650
- Transceiver unit HT4550, in the following versions:
 - 500W transceiver unit with built-in 1-channel DSC watch receiver and radio telex modem
 - 500W transceiver unit with built-in 6-channel DSC scanning watch receiver and radio telex modem.Both versions are delivered with built-in 24V DC power supply.

There are two options available for radio telex for System 4000 250W and 500W. One very cost effective solution consisting of only a printer and a keyboard, and another solution including a dedicated Data Terminal DT4646E.

The System 4000 500W MF/HF satisfies the MF/HF requirements for GMDSS A2, A3, and A4.

The SAILOR SYSTEM 4000 GMDSS programme

A1



The SAILOR RT4822 VHF DSC satisfies all requirements for Sea Area A1 and can be installed on a table, hung from the deck or built in flush to a bridge console. Mounting bracket included.

Dimensions: 100 mm x 200 mm x 176 mm, (H x W x D).
Weight: 1 kg.

A2



The SAILOR RT4822 VHF DSC and the SAILOR HC4500 MF/HF controller are shown here together in a console with a battery panel, loudspeaker, emergency light and a connection board. This system satisfies all requirements for Sea Area A2.

Dimensions of the console: 405 mm x 445 mm x 375 mm (H x W x D). Weight*: 22 kg.

A3 TLX/C



This solution is used for Sea Area A3 and occasionally for Sea Area A4. The picture shows a two-section console containing a SAILOR HC4500 MF/HF controller, a SAILOR H2095C SAT-C transceiver unit, battery panel, loudspeaker, emergency light and SAILOR DT4646E data terminal. The SAILOR H1252B printer on the console is fed paper from a roll in the console, which also contains the connection board. Next to the console are the keyboard and the radio telex printer for GMDSS radio telex operation.

Dimensions of the console with a topmounted printer are: 500 mm x 770 mm x 375 mm (H x W x D). Weight*: 52 kg.

A3 C/C



The SAILOR GMDSS dual SAT-C solution for Sea Area A3 is shown here in a three-section console containing a SAILOR HC4500 MF/HF controller, 2 x SAILOR H2095C SAT-C transceiver units, battery panel, loudspeaker, emergency light, 2 x SAILOR DT4646E with keyboards and printers. Printer paper is fed from a role in the console, which also contains the connection board.

Dimensions of the console with topmounted printer are: 500 mm x 1170 mm x 375 mm (H x W x D). Weight*: 66 kg.

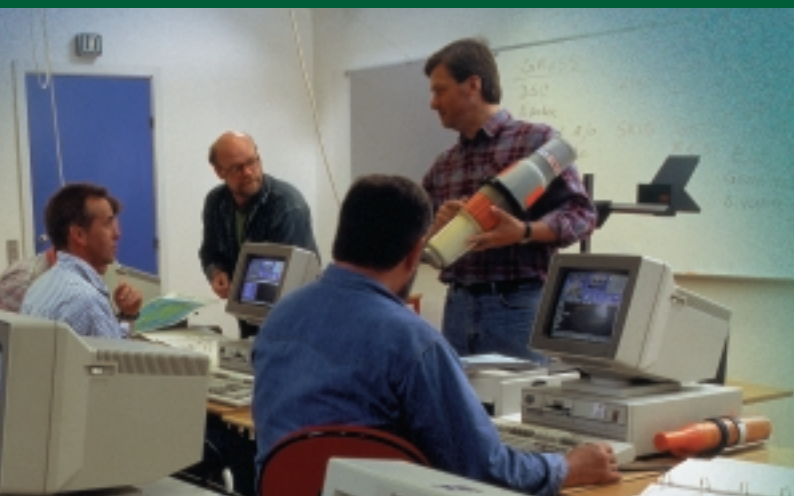
A4 TLX/TLX/C



The SAILOR dual radio telex solution with optional Sat-C for Sea Area A4 is shown here in a four-section console containing 2 x SAILOR HC4500 MF/HF control units, SAILOR H2095C SAT-C transceiver, battery panel, loudspeaker, emergency light, 3 x SAILOR DT4646E Dataterminals with keyboards and printers. Printer paper is fed from a role in the console, which also contains the connection board.

Dimensions of the console with topmounted printer are: 500 mm x 1640 mm x 375 mm (H x W x D). Weight*: 80 kg.

*) Weight = Total weight of console and units.



SAILOR is not content simply to supply superior communication systems - we also provide safety and satisfaction to our customers. Therefore, when you buy a SAILOR solution, you buy more than just the products.

The SAILOR distributor network

The SAILOR distribution network, service depots and dealers comprises of almost 600 outlets in more than 90 countries. This means that if you need to buy a new SAILOR product or to maintain your existing set-up, you will not have to waste valuable time waiting for technical assistance, spare parts or delivery. Establishing a ramified distribution and service network is an important step

towards SAILOR's stated objective of being able to provide assistance to any vessel within 24 hours, no matter where in the world she may be. There will, of course, be exceptions to this rather ambitious rule, but when it comes to safety and service, SAILOR is known for adhering to the rule rather than making exceptions.

Certified Service Centre

To qualify for a SAILOR GMDSS Certified Service Centre certificate the technical staff from the distributors, and their workshops have to follow a comprehensive training programme to ensure that they have the required level of know-how and are familiar with the latest technical updates.

The certified distributors and workshops are also obliged to keep the latest technical manuals, replacement units and an extensive store of spare parts in stock.

To ensure that our compass needle symbol always stands for the same high level of quality, we constantly monitor the market, and certificates have to be renewed regularly by SAILOR.



A FRIEND IN NEED IS A FRIEND
INDEED, the saying goes; and truly,
SAILOR is committed to being there
for you should a problem arise. What
is more, we want to make sure that
you are always on safe ground, even
when you are on the open sea. That is
why we operate under the maxim:
"SAILOR – When safety counts".

With more than 50 years of experi-
ence in the market, SAILOR is a true

professional. We know that we have to
earn the loyalty of our customers.
That is why nearly 15% of our annual
turnover is reinvested in research and
development and more than one
employee in ten is engaged in finding
solutions to the challenges of tomor-
row.

Today, SAILOR provides a well-known
range of communications products that
includes everything from radios for

the leisure market to equipment for
fishing vessels and complete commu-
nications solutions for the deep sea
sector. The SAILOR brand has become
synonymous with reliable and
technologically superior radio equip-
ment – and covers everything from
basic VHF units to state-of-the-art
satellite systems, AIS (Automatic
Identification System), SSAS (Ship
Security Alert Systems) and complete
compact GMDSS solutions.



 **SAILOR**
When safety counts