SAILOR®

SAILOR SC4000 Iridium System
World-wide low cost communication and SSAS system

The SAILOR SC4000 Iridium system works through the Iridium satellite system, which consists of 66 cross-linked low earth orbit satellites with truly global coverage. The SAILOR SC4000 Iridium system is convenient for all types of vessels needing voice and small amount of data communication.

Ship to office communication
The key to low cost communication between vessels and office is to have a direct Iridium-Iridium connection. The home based Iridium System is connected to the company PABX, making it possible to connect the Iridium system to standard telephones.

Crew Calling
With one single SIM card and a SAILOR SC4000 Iridium system, vessels can have both a traditional subscription service and a prepaid service on Iridium. The traditional subscription can be used for business matters, while the crew can benefit from the prepaid service with no administration cost for personal calls.
The basic system
The compact SAILOR SC4000 Iridium system consists of only three units: the SA4110 antenna, the ST4120 transceiver and the SC4150 intelligent handset. The intelligent handset is a combined handset and control unit. The system can be operated with up to four handset making it possible to use anywhere on board.

Features
- Crew calling
- PC based SMS
- Conference calls
- Easy to use; works like a mobile phone
- Repeat call function
- Memory for up to 100 phone numbers
- 2.4 kbps data transmission and Iridium's 10 kbps data service
- SSAS compatible
- Low power consumption
- Specially designed and developed for the demanding environment at sea

SAILOR Iridium Ship Security Alert System

The SAILOR Iridium system can easily be upgraded with a SSAS add-on solution that meets all requirements in the SOLAS resolution XI-2/6 SSAS requirements.

The SOLAS Resolution XI-2/6 requires the following vessels to be equipped with a SSAS system:

TYPE OF VESSEL	DEADLINE FOR IMPLEMENTATION*
Passenger ships, including high-speed passenger crafts	No later than the first survey on or after 1 July 2004
Oil tankers, chemical tankers, gas carriers, bulk carriers and high-speed cargo vessels of 500 gross tonnage and upwards	No later than the first survey on or after 1 July 2004
Other cargo vessels of 500 gross tonnage and upwards	No later than the first survey on or after 1 July 2006

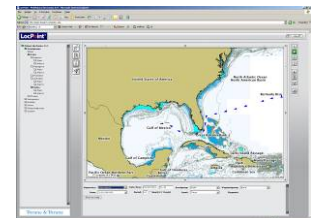*ISPS CODE, 2003 Edition, International Maritime Organization, ISBN 92-801-5149-5*

The SAILOR Iridium SSAS add-on solution consists of a SSAS Interconnection Box, one system test button and two SSAS alert buttons. The solution is cost-effective, and easy to install. The SAILOR Iridium SSAS message can be address to multiple user specified destinations directly, containing timestamp, speed/course and the identification of the vessel and its position. As an further advantage, the SAILOR Iridium SSAS system be tracked from shore.

Features:
- Access to all other Iridium services in the complete installation
- No extra subscription or signing fees apart from the standard Iridium subscription
- Cost-effective
- True global coverage
- Option of having four alert buttons (two are mandatory)
- Alert messages can be sent to multible and user specified recipients
- The alert messages can be resent at a pre-defined interval
- Tracking capability

Optional Tracking Solutions, from shore-based office:
- **LocPoint** (web-based solution, internet access required)

Certificates:
The SAILOR Iridium SSAS system has received approval certificates from all major classification societies. These include Det Norske veritas (DNV), Lloyds Register, Germanischer Lloyd (GL), American Bureau of Shipping (ABS), Chinese Classification Society (CCS), and US Coast Guard. Further acceptance certificates has been issued by selected flag states. The process of receiving approvals and acceptances is ongoing.

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