

SAILOR® 33 FLEET+

Compact, quality satellite communications equipment at sea



The SAILOR 33 Fleet+ provides advanced maritime communications for professional vessels and yachts. Its compact design delivers high quality voice, fax and data at sea. Designed with user-friendliness in mind, the SAILOR 33 Fleet+ can easily be installed without the involvement of a specialist.

Voice, fax and data

With extended coverage of the Inmarsat Fleet services, the SAILOR 33 Fleet+ delivers high-quality voice, fax and data communications in areas where mobile and radio networks do not reach. By implementing third party equipment it is also possible to do crew calling.

Easy to use, easy to install

Voice and fax connection to PCs and laptops is just as straightforward as it is in a land-based office. Crew also have instant access to chart and weather information. The system is easy to use and highly flexible.

Always on the Internet

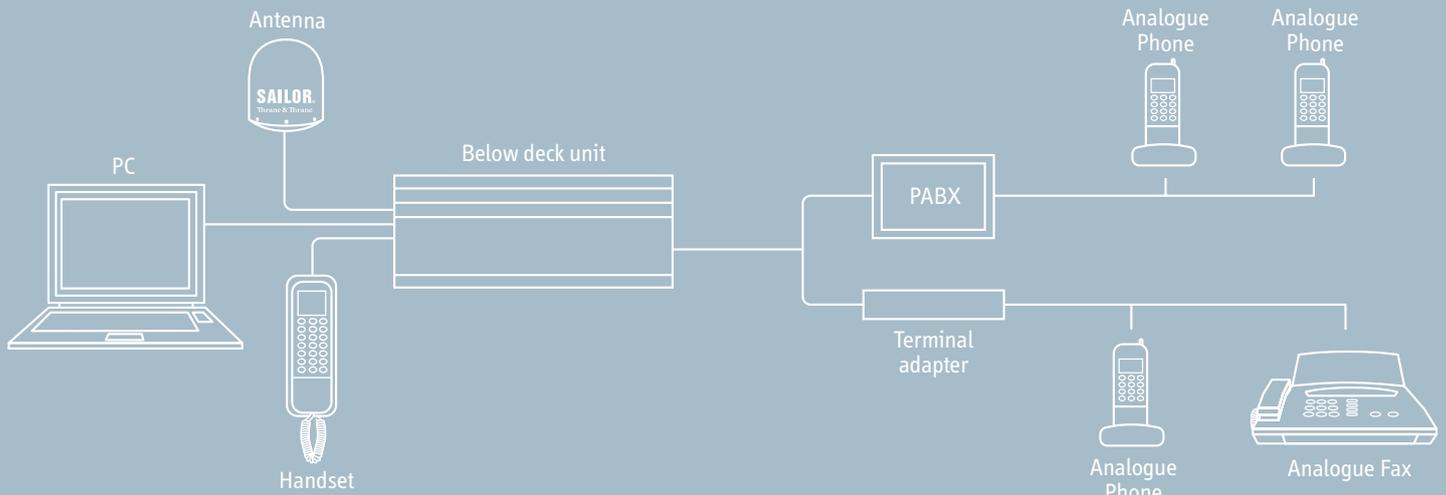
The unique MPDS service enables vessels to stay online continuously for convenient access to the Internet, e-mail and file transfer applications. The SAILOR 33 Fleet+ employs compression algorithms, significantly boosting data throughput and enabling data connection to run up to seven times faster.

Reliable and cost-efficient data transfer

With MPDS you are always online but only charged for the amount of data sent and received or transferred. It is a highly economic solution for e-mail, small data transfer, LAN, VPM and Internet. The Fleet33 service offers a shared 64 kbps downstream/28 kbps upstream data channel.

Important features:

- Internet and e-mail
- Voice and fax
- Pay only for the amount of data sent or received via MPDS
- Global voice coverage
- Light weight and compact design
- Crew calling



Specifications

Inmarsat Fleet33 approved.
Compliant to FCC, title 47 part 25, section 25.216.
Compliant to RTTE, CE Marked.

Frequency Band

Rx: 1525.0 - 1559.0 MHz
Tx: 1626.5 - 1660.5 MHz
Ch. spacing: 1.25 kHz - Rx.

Recommended Antenna Cable

Cable loss max/min: 4/20 dB at 1,62Ghz and 4 ohm DC loop resistance
RG-223: Min 7 m / Max 25 m
RG214 - FRNC: Min 12 m / Max 50 m
S10162B11: Min 30 m / Max 140 m
RG 1/2" 50: Min 45 m / Max 170 m

Global Service

Voice: 4.8 kbps mini-M voice

Spot Beam Services

Group 3 fax capability: 9.6 kbps
Data: 9.6 kbps + compression V42bis / V44
MPDS: 64 kbps downstream
28 kbps upstream, shared channel

Antenna Connector

50 Ω N female for transceiver

Interface

2 RJ-11 for analogue telephone/fax
2 ISDN RJ-45
1 ISDN terminal block (4 wire)
2 DSUB-9 RS-232 Port, 115 kbps
1 Power Port, 11-32 VDC input
1 On/Off button
1 RS-422, terminal block (4 wire)
1 NMEA input, terminal block (2 wire)
1 USB connector
1 50 Ω N female for antenna

Power Supply and Consumption

11 - 32 VDC
40 W receive/idle, 110 W transmit

Environmental Conditions

Storage: -30° C to +70° C

Operational Temperature

Below Deck Unit: 0° C to +45° C
Above Deck Unit: -25° C to +55° C
Relative humidity: 95% non-condensing at +40° C

Sealing Class

Below Deck Unit: IP30
Above Deck Unit: IP66

Ship Motions

Roll: +/-30 deg
Pitch: +/-10 deg
Yaw: +/-8 deg
Turning Rate: +/-6 deg/s
Headway: 30 knots

Telephone Functionality

Number storage: 10 last dialled
Address book: 99 short numbers
Secure communications: STU IIB / STU III (optional)
Message indication: Fax & data

Dimensions and Weight

Above Deck Unit: 40 x Ø40 cm, 9 kg
Below Deck Unit: 8 x 18 x 31 cm, 3 kg
Handset: 53 x 150 x 25 mm, 125 g
Cradle: 69 x 172 x 38 mm, 170 g
Handset cable length, spiral: 3 m (stretched)

