SAILOR Fleet One is the ideal complement to the new Inmarsat Fleet One service, which utilises the existing Inmarsat-4 satellite constellation to deliver satellite voice and connectivity services that are ideal for use on smaller boats. With its compact, lightweight antenna and simple installation, SAILOR Fleet One is a low-cost entry point to the world of maritime satcoms that keeps you connected at all times.

Data & voice
SAILOR Fleet One enables data connectivity up to 100kbps and voice calling on a single line. Its capabilities offer significant communications functionality for recreational and fishing users who need reliable voice communications and Internet connectivity on board, when cellular networks aren’t available, or just don’t offer the quality needed for good communication.

Unrivalled pedigree
SAILOR Fleet One is designed to the same high standards as the existing SAILOR FleetBroadband product line; quality that more than 35,000 end-users have experienced so far. With ease of use and durability at the forefront, SAILOR Fleet One can be relied upon to provide reliable, high quality communications whether cruising offshore or fishing for a living.

Easy installation
The SAILOR Fleet One antenna is light and easy to install, even on small boats, and connecting to the below deck equipment is simple enough that keen owners can handle the installation and maintenance themselves. It may be small, but it packs enough power to deliver plenty of bandwidth for email, web browsing and social media sites.

First choice for Fleet One
Built by the people behind the leading SAILOR FleetBroadband range, SAILOR Fleet One is the first choice for boat owners choosing the Fleet One service because it ensures reliable connectivity even on smaller boats that don’t have the room, or the budget, for larger satcoms antennas.
SAILOR® FLEET ONE
First choice for Fleet One

SAILOR Fleet One
Above Deck Unit (3.9 kg)

SAILOR Fleet One
Below Deck Unit (2.0 kg)

APPROVALS
Inmarsat Fleet One approved. Compliant to RTTE, CE Marked. Tested to FCC part 25

FREQUENCY BAND
Rx 1518 - 1559 MHz
Tx 1626.5 - 1660.5 MHz
1668.0 - 1675.0 MHz
Ch. spacing 10.5 - 189 kHz, Rx 21 - 189 kHz, Tx
Ch. size 1.25 kHz

RECOMMENDED ANTENNA CABLE
Cable loss max/min 20 dB at 1.62 GHz and 1.0 Ω DC loop resistance
max. 3 dB at 36 - max. 4 dB at 54 MHz

POWER SUPPLY AND CONSUMPTION
DC input range (isolated) 10.5V to 32V DC
Power (max). 120 W @ 10-32 V
incl. antenna & PoE output

ENVIRONMENTAL CONDITIONS
Ambient Temperature -25 to +55°C
Storage -40 to +85°C
Survival (power on, non functional) -40 to +80°C
Automatic thermal surveillance shuts down system gradually in case of own temperature
BDU operating humidity 95% non-condensing at +40°C
ADU enclosure IPX6
BDU enclosure IP30
ICING (survival) Max 25 mm

VIBRATION (ADU)
Vibration, operational Random spectrum 1.05 g rms x 3 axes:
5 to 20 Hz 0.02 g/Hz
20 to 150 Hz -3 dB/octave
Vibration, non-operational Random spectrum 1.7 g rms 2 h x 3 axes (6 h total):
5 to 20 Hz 0.05 g/Hz
20 to 150 Hz -3 dB/octave

SHIP MOTION
Roll +/- 30 deg. per 4 s, max 0.7 g tan
Pitch +/- 15 deg. per 3 s, max 0.6 g tan
Yaw +/- 10 deg. per 5 s, max 0.3 g tan
Surge +/- 0.5g
Sway +/- 0.5g
Heave +/- 0.7 g
Turning rate +/- 36°/s, ACC 12°/s²
Headway speed 22 m/s (42 knots)
Wind 100 knots

MECHANICAL SHOCK
20g/11 half-sine

ANTENNA CONNECTOR
ADU TNC, female
BDU TNC, female

SERVICES
Standard IP Up to 100 kbps
Streaming IP -
ISDN Data -
SMS (standard 3G) 160 characters
Standard Voice 4 kbps

INTERFACES
Ethernet/PoE 2 ports
Phone/Fax (2-wire) 1 port
IDC Connector 1 connector with 5 configurable inputs/outputs
Status LED LED power indicator
SIM Card Slot 1 SIM Card slot for Fleet One SIM card
Router Integral DHCP/NAT router
PBX Built-in PBX

COVERAGE AND RATE REGIONS

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

www.cobham.com
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