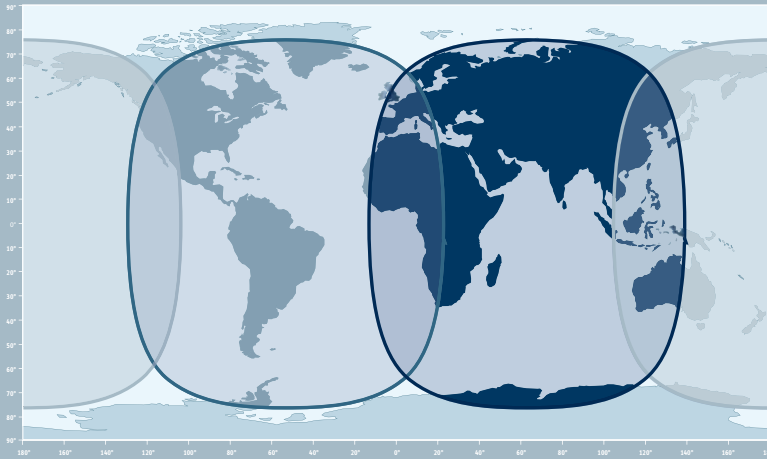


FleetBroadband coverage



- I-4 satellite F1
- I-4 satellite F2
- I-4 satellite F3
(Launch date to be confirmed)

The map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions. The launch date of the F-3 satellite will be determined in due course.

Specifications

Inmarsat FleetBroadband approved
Compliant to RTTE, CE Marked
FCC

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 100 m
RG 1/2" 50 Min 45 m / Max 100 m

Global services

Voice: 4kbps AMBE+2
3,1 KHz Audio
Data: **SAILOR 500:** 64 kbps UDI
Standard IP: **SAILOR 500:** 432/432kbps
SAILOR 250: 284/284kbps
Streaming IP: **SAILOR 500:** 32,64,128,256 kbps
SAILOR 250: 32,64,128 kbps
SMS Up to 160 characters

Antenna Connector

BDU TNC-socket, female
SAILOR 500 ADU: 50 Ω N (f)
SAILOR 250 ADU TNC(m)

Interfaces

Power On/Off button
DC heavy duty power input connector with Remote on/off and locking mechanism
4 10/100Mbit Ethernet LAN user ports with Power over Ethernet (PoE)
1 Euro ISDN
Sim card
Factory default reset
2 Independent RJ-11 phone 2-wire connectors
5 I/O connector with General Purpose I/Os:
L-band output
Status LEDs

Power Supply and Consumption

DC input range (isolated) 10 to 32V DC
Power (max), incl. antenna 150 W @10-32V

Environmental Conditions

Ambient Temperature: -25 to +55°C
ADU Storage -40 to +85°C
Survival (power on, non functional): -40 to +80°C
Automatic thermal surveillance shuts down terminal gradually at +85°C PCB temperature
Operating humidity: 95% non-condensing at +40°C
BDU IP31
ADU IPX6

Telephone Functionality

Phone book
Message indication
Restricted dialling
Traffic logging

Set-up and Router Functionality

Web server
Built-in NAT router

Dimensions and Weight

Above Deck Unit **SAILOR 500:** 605 x Ø630 mm
SAILOR 250: 329.2 x Ø275.6 mm
Below Deck Unit 42.5 mm/264.5 mm/273 mm

