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The mobile satellite company

INMARSAT 2007–2017 10 FLEETBROADBAND

FleetBroadband

Broadband connectivity anywhere at sea

FleetBroadband – dependable broadband coverage

Life at sea has never been easy. Increasing commercial demands on vessel operations mean that enhanced connectivity is essential for everything from the latest weather updates, route-planning and ordering supplies, to maintaining crew morale by enabling them to call and email home or read the latest football results online. On top of everything else, you also need to keep a tight control on costs.

FleetBroadband has already been adopted by thousands of vessels, to meet these challenges head on and provide constant, simultaneous access to voice and high-speed data services, on a global basis. You can send and receive emails with large file attachments, comfortably run complex data applications and make voice calls at the same time – more affordably than ever before. The terminal is quick and easy to install and approved to Inmarsat's exacting standards.

Regardless of the type or size of vessel, FleetBroadband offers a compact solution that can easily be accommodated, providing you with optimal connectivity – no matter what your position or the conditions at sea.

With network availability exceeding 99.99%, FleetBroadband is currently undergoing the International Maritime Organization (IMO) approval process to support the Global Maritime Distress and Safety System (GMDSS). Once approved, the service will be capable of broadcasting Distress Alerts, Safety, Urgency and Distress Priority Messages, Voice Distress, automatic reception of Maritime Safety Information and Search and Rescue coordination messages, as well as a new Distress Chat function.

FleetBroadband already offers 505 Emergency Calling as standard. Simply dialling '505' puts vessels directly in contact with a Maritime Rescue Co-ordination Centre (MRCC) free of charge for distress calls.

Improving efficiency and welfare

Delivering commercial advantage

Crew communications

Vessel owners and operators can benefit from business and crew communication separation with Crew Calling cards; flexible, pre-paid calling cards which gives crew the freedom to stay in touch with family and friends while at sea.

These calls are not charged to the vessel, can be topped-up anytime and crew only pay for the airtime they use.

Crew welfare can be further enhanced by offering Crew Internet, through the purchase of an additional Smartbox and matching airtime plans.

Reliable performance

FleetBroadband gives you faster, more cost-effective access to data services. Besides constant, real-time weather and ECDIS updates, you can use more complex applications with confidence. Its simultaneous voice and data capability means that while operational systems are running online, you can still access email, get online and make voice calls – all via a single terminal. So the Master can get on with managing the vessel, while the crew are calling or emailing home.

Complete security

Inmarsat has vast experience in providing secure communications to military and government customers, as well as multinational businesses. If required, our network can support additional security products, such as VPNs and ISDN cryptos.

Always-on connectivity

You can depend on Inmarsat, whatever the weather. We provide the toughest communications links in the business, with average network availability exceeding 99.99%. FleetBroadband terminals are designed specifically for use within the maritime environment and are rigorously tested to our exacting standards. The whole system is supported by our worldwide network of partners.

Easy installation and network integration

FleetBroadband can be rapidly deployed across your entire fleet and, as a standard IP service and seamlessly integrated with head office networks. Terminals operate globally and the user interface is standard across all manufacturers' products.

Total flexibility

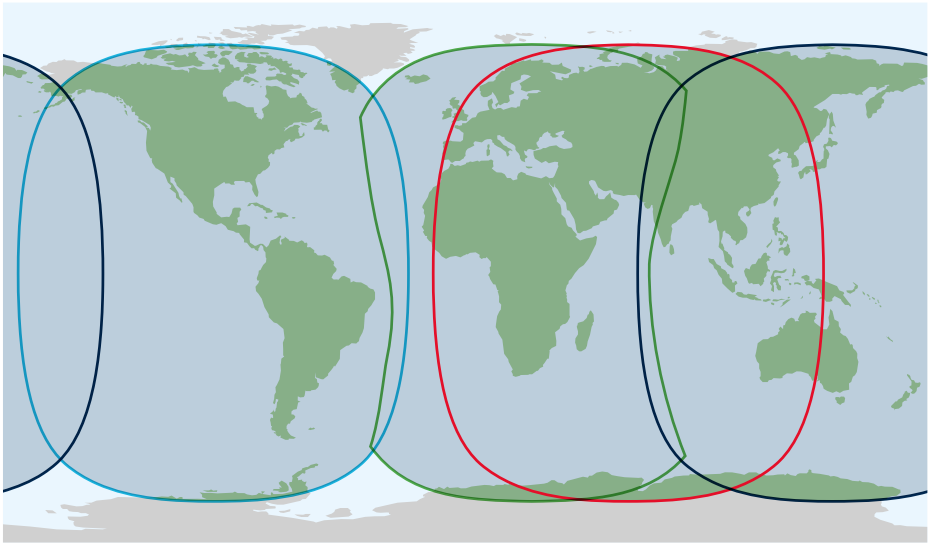
FleetBroadband supports the latest IP services, as well as traditional circuit-switched voice and data for your legacy applications. You can choose between a standard, contended IP service and guaranteed data rates on demand – with the ability to select the rate according to your application. Threet types of terminal are available, which offer different performance capabilities via standard hardware.

Cost-effective

With FleetBroadband, performance and flexibility don't come at a high price. Terminal costs are relatively low, with a choice of airtime pricing packages to best suit your needs. It makes global voice and broadband data services more accessible than ever before, enabling you to achieve greater operational efficiencies and improve the morale of the crew.

Global coverage

FleetBroadband ensures you are never out of touch, wherever you sail. The service is accessible globally except for the extreme polar regions.



This map depicts Inmarsat's expectations of coverage following the commercial introduction of Inmarsat's fourth L-band region. It does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

Enhanced connectivity

The global broadband floating office

Standard IP
For email, internet and intranet access via a secure VPN connection, at speeds up to 432kbps over a shared channel.

Streaming IP
Guaranteed data rates on demand up to 256kbps. Choose the data rate on a case by case basis, depending on your application.

Voice
Make up to four simultaneous voice calls at the same time as accessing your data applications. Voicemail is also available. Group 3 fax is supported via the voice channel.

ISDN
Supports ISDN at 64kbps for your legacy applications.

SMS
Send and receive text messages – up to 160 characters.

Terminals

Terminals with different performance capabilities are available from our approved manufacturers. All use stabilised, directional antennas and vary in size and weight.

	FB150	FB250	FB500
Data			
Standard IP	Up to 150kbps	Up to 284kbps	Up to 432kbps
Streaming IP	–	8, 16, 32, 64, 128kbps	8, 16, 32, 64, 128, 256kbps
ISDN	–	–	64kbps
Voice	4kbps AMBE+2	4kbps AMBE+2 and 3.1kHz audio*	
Fax	–	Group 3 fax via 3.1kHz audio, access to efax applications	
SMS	Standard 3G (up to 160 characters)		
Antenna			
Diameter from	27.5cm	32cm	60cm
Height from	22.1cm	28cm	63cm
Weight from	2.5kg	3.9kg	16kg

Applications

FleetBroadband supports an extensive range of commercially available, off-the-shelf software, as well as specialised user applications. It is ideal for:

- Email and webmail
- Real-time electronic chart and weather updates
- Remote company intranet and internet access
- Secure communications
- Large file transfer
- Crew communications
- Vessel/engine telemetry
- SMS and instant messaging
- Videoconferencing
- Store and forward video

*FB250: Above 20 degree elevation

OMEGA

How to buy FleetBroadband

FleetBroadband is available through our worldwide network of partners. Contact your existing Inmarsat service provider or visit our website to find the right partner for your company.

inmarsat.com/fleetbroadband

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