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## FACTSHEET

# FleetBroadband from Stratos

## Mobile Broadband Service Anywhere at Sea

FleetBroadband is the first truly global maritime communications service offering simultaneous broadband data and voice via a compact antenna. Now, you can have unprecedented connectivity between your vessels and the shore, regardless of position or conditions at sea. FleetBroadband provides a cost-effective, fast, reliable, and easy-to-use "always-on" solution for e-mail, Internet, corporate network, and voice services. Based on the BGAN network using 3G standards, FleetBroadband delivers data rates up to 432 kbps utilizing Inmarsat's I-4 satellite constellation.

### FleetBroadband Applications

FleetBroadband supports a complete array of the latest IP services for maritime users:

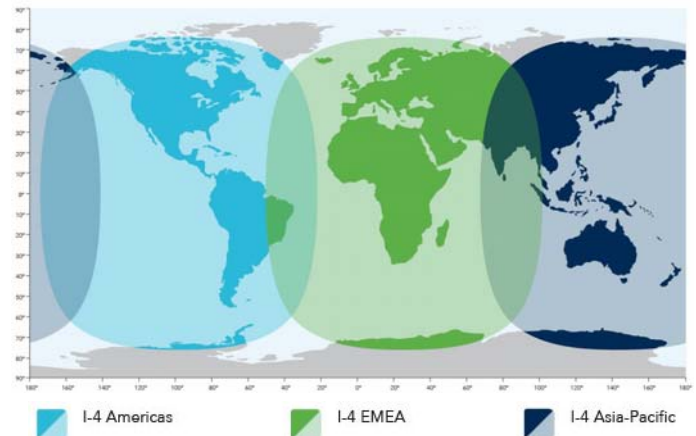
- E-mail and webmail – sent and received without delays
- Real-time weather and ECDIS updates – for optimal routing
- Remote Internet and company intranet access
- Secure communications
- Large file transfer
- Vessel/engine telemetry
- Crew communications – including web, GSM, VOIP
- SMS and instant messaging
- Videoconferencing
- Store and forward video

### FleetBroadband Features

- **Simultaneous voice and IP data**
- **Standard IP** – Speeds up to 432kbps for e-mail, Internet and intranet access via a secure VPN connection.
- **Streaming IP** – Guaranteed data rates on demand up to 256 kbps, choose data rate (32, 64, 128, 256 kbps) depending on your application.
- **Voice** – Make voice calls while accessing data applications; voicemail and Group 3 fax capability.
- **ISDN** – At 64kbps for legacy applications; enables flexible migration from ISDN to IP.

- **SMS** – Send/receive text messages up to 160 characters.
- **Terminal Options** – FB250 (25cm) and FB500 (55cm); see chart below.
- **Hardware Conversion** – For existing Fleet F77, F55, and F33 users, a below-deck equipment conversion path will be available from hardware manufacturers.
- **Worldwide Coverage** – Utilizing Inmarsat's I-4 satellite constellation as of February 2009.

### Service Coverage



### The Stratos Advantage: Value Added Services for FleetBroadband

As the leading provider of maritime communications, Stratos provides a unique portfolio of services tailored specifically for FleetBroadband users, including:

- Cost and traffic control with Stratos Dashboard™ for FleetBroadband
  - Online access to fast provisioning
  - Cost and credit management functions, including reporting options, detailed traffic management, billing, and trouble shooting information



BEYOND THE HORIZON®

- Internet access, data optimization, and seamless, secure connectivity with StratosNexus™
- Security services
  - Customer-managed firewall Stratos Trench™ for FleetBroadband
  - Stratos BusinessAccess, private network between FleetBroadband users and corporate intranet
  - GuaranteedAccess to ensure delivery of capacity
- Customer service and technical support
  - Online 24x7
  - Consultants in major locations worldwide
- Messaging services with AmosConnect™ from Stratos
  - Supporting e-mail, fax, telex, data, video, and file attachments
  - Subscription to news, weather, sports and more

### FleetBroadband Benefits

FleetBroadband's state-of-the-art IP capability gives you a new level of control in managing your fleet. Greater operational efficiencies, remote management capability and faster information exchange all result in cost savings and competitive advantages for your business. Benefits you can realize with FleetBroadband from Stratos include:

#### Improved Integration

- Seamless integration of your vessels into your corporate network worldwide

#### Cost Savings, Management and Control

- More efficient ship management, leading to reductions in fuel, maintenance, and other key expenses
- Reduced down time and spoilage via remote monitoring of engines and cargo

#### Operational Efficiencies and Improvements

- Enhanced crew morale, leading to improvements in recruitment and retention
- Ability to run business applications faster, easier, and cheaper
- Ability for onshore experts to support IT and administrative functions
- Capability to use centralized applications and databases
- Quick online access to critical information – weather, port information, classification societies, suppliers
- Higher level of onboard security

### FleetBroadband Terminals

Small, lightweight terminals offer performance options to fit different operational needs. They use stabilized, directional antennas designed specifically for the marine environment, with global capability

for installation and support available through hardware manufacturers. Existing equipment can remain in service for GMDSS compliance and as a back-up.

### Terminal Options

	FB250	FB500
<b>Data</b>		
Standard IP	Up to 284 kbps	Up to 432 kbps
Streaming IP	32,64,128 kbps	32,64,128,256 kbps
ISDN	-	64 kbps
Voice	4kbps and digital 3.1kHz audio	
Fax	Group 3 fax via 3.1kHz audio	
SMS	Standard 3G (up to 160 characters)	
<b>Antenna</b>		
Diameter from	25cm	57cm
Height from	28cm	68cm
Weight from	2.5kg	18kg

### About Stratos

Stratos is the world's trusted leader for vital communications. With more than a century of service, Stratos offers the most powerful and extensive portfolio of remote communications solutions including mobile and fixed satellite and microwave services. More than 20,000 customers use Stratos products and industry-leading value-added services to optimize communications performance. Stratos serves U.S. and international government, military, first responder, NGO, oil and gas, industrial, maritime, aeronautical, enterprise, and media users on seven continents and across the world's oceans. For more information visit [www.stratosglobal.com](http://www.stratosglobal.com).

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