

**INMARSAT FLEET F33
RULE THE WAVES**



VERSATILE VOICE AND DATA COMMUNICATIONS



For over 22 years, Inmarsat has provided the maritime industry with a broad range of services, each suited to the operational requirements of different sectors.

In March 2002, Inmarsat successfully launched a new maritime service, Inmarsat Fleet - offering advanced data and voice services to the maritime community. Fleet F77 was the first service to enter into operation, offering advanced data in addition to voice GMDSS distress and safety services.

Now, the latest in the Fleet family, Fleet F33, scheduled for introduction in 2003, opens the door to vessels requiring a smaller antenna, lighter above-decks equipment, simple hardware installation and a lower cost.

Fleet F33 provides a range of data services to include 9.6kbit/s fax and data. It is anticipated that this will be extended to include Inmarsat's versatile Mobile Packet Data service, where users are charged for the amount of information sent and received rather than the time for which they are connected. F33 therefore delivers a range of services providing cost-effective, powerful communications, to a broad area of the globe.

Proven reliability

Inmarsat has been delivering effective communication solutions to the maritime industry for more than 22 years. Via Inmarsat Fleet, customers gain access to proven technology and outstanding service.

Choice and flexibility

Inmarsat Fleet F33 delivers versatile solutions designed to meet the specific needs of a range of vessels, allowing end-users to create a communications solution to match their individual needs.

Cost-effective data services

Customers can choose the most cost-efficient communications channel for their needs, with 9.6kbit/s fax and data and in the future the Inmarsat Mobile Packet Data service - allowing 'always on' working.

Inmarsat Fleet F33 delivers e-mail, internet and intranet access, and a range of IP applications.

Compatibility

Inmarsat Fleet is accessed through a terminal unit, compatible with standard applications and systems, allowing users to carry out business as usual to broad areas of the globe.

THROUGH A SMALLER, LIGHTWEIGHT TERMINAL

Inmarsat Fleet F33 in Action

E-mail

Via Inmarsat Fleet, users gain reliable, quick and easy access to e-mail whenever and virtually wherever it is needed.

Secure online access

Reliable and secure access to online information has become an everyday communications need. Inmarsat Fleet makes this a reality for those at sea, integrating corporate IT networks and facilitating access to secure information resources through Internet Protocol (IP).

Crew Communications

With an increased global reach for voice services (all Inmarsat Ocean Regions) and improved data capacities, Fleet F33 offers an enhanced range of services for crew and welfare communications above and beyond that currently on offer to smaller vessels. With a choice of the Fleet service being offered through a dedicated terminal for crew communications, Fleet F33 offers crew the ability to stay in touch and access secure online information.

Voice communications

Through Inmarsat Fleet's integral voice service, maritime users are provided with immediate and clear digital voice communications, in every Ocean Region*. Additionally, SIM card call operation offers increased flexibility for social calling and multiple users.

Data communications

Fleet F33 will offer a range of data services, anticipated to be introduced during 2003, available in the Inmarsat spot beam coverage areas:

9.6kbit/s Fax and Data

- integrated data service, chargeable per minute
- standard 9.6K (Group3) facsimile
- first-ever availability for these services in small size terminal & antenna

This service is most suitable for batched transmissions such as file transfers.

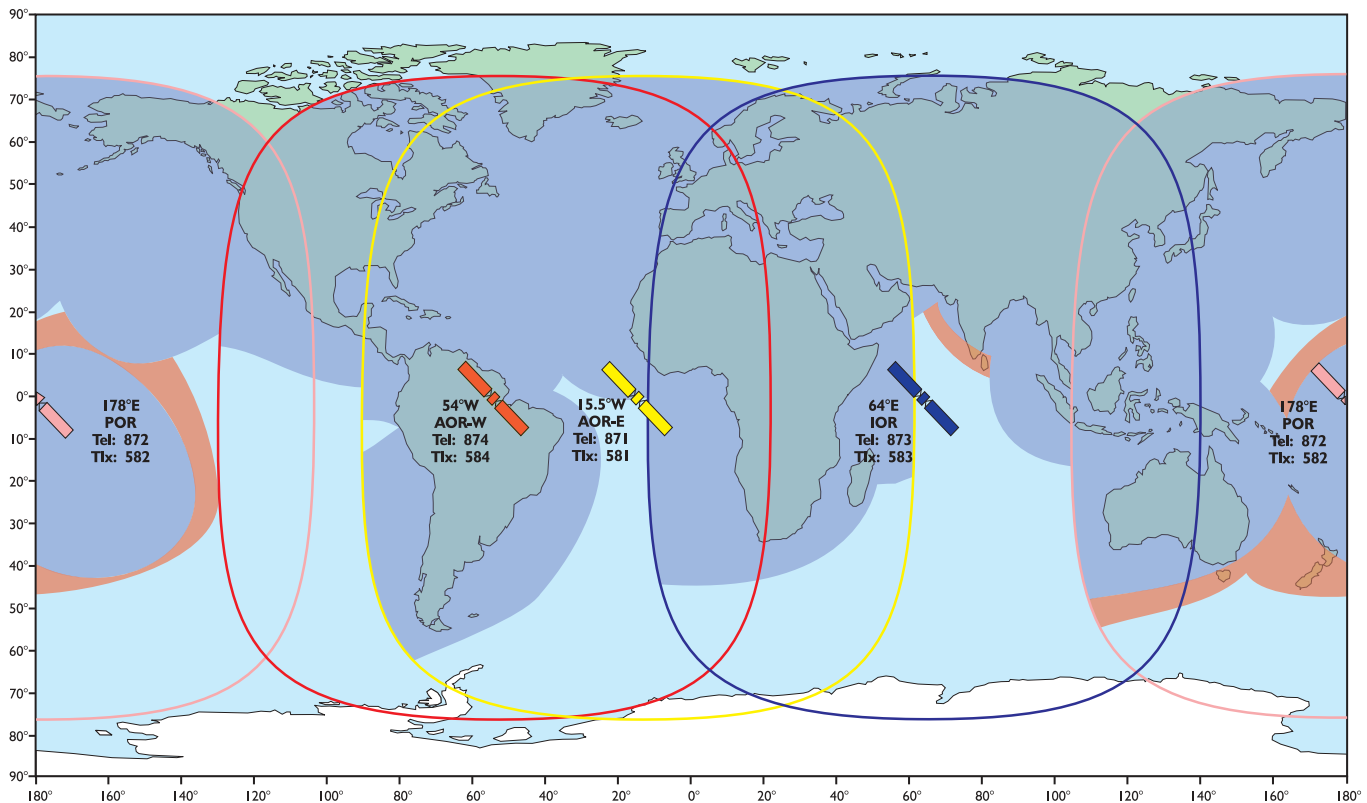
Mobile Packet Data service (MPDS)

- pay per data transmitted (i.e. not per minute)
- provides online access through 'always on' connection
- gives access to standard, IP compliant applications

This service is most suitable for interactive online access, such as interactive e-mail, web or intranet access.

Users can select the most appropriate service options depending on their specific data requirements.





Inmarsat Fleet F33 – global and spot beam coverage map

Global beam coverage

- Pacific Ocean Region
- Atlantic Ocean Region-West
- Atlantic Ocean Region-East
- Indian Ocean Region

Key markets

The Inmarsat Fleet F33 service provides tangible benefits to individuals and organisations in a range of markets.

- Fishing vessels operating in deep-sea areas are able to access Fleet’s range of communications services to meet their increased operational requirements, both to reach and make the catch, as well as finding the best prices on land.
- Yachts and Leisure craft with growing requirements for both voice and data can access Fleet’s online services, for receiving chart and meteorological information or accessing information from a company intranet.
- Energy companies can transmit data at high transmission rates, thereby speeding up the analysis process. Offshore / Supply vessels can benefit from Fleet F33’s smaller hardware and antenna.
- The security and speed of Inmarsat Fleet allows government and patrol operations, including coastguard organisations, to use the Inmarsat service during sensitive work at sea, particularly with vital applications requiring immediate data transfer.

Summary

Inmarsat Fleet F33 brings advanced data services to a broad range of vessels, offering spot beam data and global* voice. For vessels previously restricted by size and cost of the terminal hardware, on-line connection and versatile data transfer capability bring a broad range of solutions directly on-board.

The high-performance communications offered by Fleet F33 now become a reality for leisure craft, fishing vessels and other specialist small craft operations.

* Polar restrictions apply



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