



Maritime services

A quick reference guide



Inmarsat offers an unrivalled range of reliable maritime communications and safety services.

From small fishing boats and leisure craft, to large merchant ships and other deep-sea vessels, our maritime services deliver global reach, security and reliability regardless of the type and size of your vessel.

		FleetBroadband					
		FleetPhone	Fleet 33	Fleet 55	Fleet 77	FB250	FB500
Maritime services	Coverage	Within IOR footprint – South China Sea and Indian Ocean	Global voice, fax and data through the spot beams	Global voice, fax and data through the spot beams	Voice, fax and data through the global beams. 128kbps through the spot beams	Voice, fax and data available in the Indian and Atlantic ocean regions. Globally available upon successful launch of the third I-4 satellite in early 2008	
	Voice	3.6kbps digital	4.8kbps digital	4.8kbps digital 3.1kHz audio	4.8kbps digital 3.1kHz audio	4kbps digital 3.1kHz audio	4kbps digital 3.1kHz audio
	Fax	N/a	9.6kbps Group 3 fax	Group 3 fax (option) 9.6kbps Group 4 fax 64kbps	Group 3 fax (option) 9.6kbps Group 4 fax 64kbps	Group 3 fax via 3.1kHz audio	Group 3 fax via 3.1kHz audio
	SMS	N/a	Via 3 rd party IP applications	Via 3 rd party IP applications	Via 3 rd party IP applications	Standard 3G – up to 160 characters	Standard 3G – up to 160 characters
	Data – Circuit-switched	N/a	9.6kbps circuit-switched channel*	Euro ISDN: 64kbps (128kbps with 2 bonded channels/terminals)	Euro ISDN: 64kbps standard Up to 128kbps option (subject to service provision and a 128kbps enabled terminal)	Euro ISDN: 64kbps standard	Euro ISDN: 64kbps standard
	– Mobile Packet Data Service (MPDS)	N/a	Up to 28/64kbps (send/receive) through a shared channel	Up to 64kbps through a shared channel	Up to 64kbps through a shared channel	N/a	N/a
	– Standard IP – Streaming IP	N/a N/a	N/a N/a	N/a N/a	N/a N/a	Up to 284kbps 32, 64, 128kbps	Up to 432kbps 32, 64, 128, 256kbps
Pre-pay option	Yes	Yes	Yes	Yes	Yes	Yes	

*Up to 40kbps using V.42Bis and V.44 compression.

	FleetPhone	Fleet 33	Fleet 55	Fleet 77	FB250	FB500	
Maritime services	Call waiting	Yes	Yes, on voice during MPDS data sessions	Yes, on voice during MPDS data sessions	Yes, on voice during MPDS data sessions	Yes	Yes
	Safety	N/a	N/a	N/a	Fully compliant for GMDSS voice prioritisation and pre-emption to IMO A.888 (21)	N/a	N/a
	Antenna – weight – size	750g 16.2cm diameter 14.6cm tall	4.5-8kg 25-35cm diameter	15-18kg 50-60cm diameter	27-80kg 75-90cm diameter	From 2.5kg From 25cm diameter From 28cm tall	From 18kg From 57cm diameter From 68cm tall
	Operating conditions (ADE)	-25°C to +55°C	-25°C to +55°C Up to 25mm of ice	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C
	Below decks equipment – approx. weight – typical size	1.3kg 82 x 221 x 231mm	1.5kg 310 x 180 x 80mm	2.5kg 380 x 164 x 55mm 220 x 270 x 75mm	2.5-7kg 380 x 372 x 86mm 372 x 163 x 53.75mm	1.5kg 64 x 221 x 166mm	2kg 42 x 247 x 270mm
	Telephone handsets	Integrated 3m handset cable	2-wire analogue or ISDN. May be placed up to 100m from the BDE	2-wire analogue or ISDN. May be placed up to 100m from the BDE	2-wire analogue or ISDN. May be placed up to 100m from the BDE	2-wire analogue or ISDN. May be placed up to 100m from the BDE	2-wire analogue or ISDN. May be placed up to 100m from the BDE
	Connectors include	RS-232 serial data port USB serial port	RJ-45 RS-422 serial port USB serial port RS-232 serial data port	X.21 RJ-11 RJ-45 RS-449 serial port USB serial port RS-232 serial data port	X.21 RJ-11 RJ-45 RS-449 serial port USB serial port RS-232 serial data port RS-422 serial data port	RJ-11 RJ-45 Ethernet/PoE USB	RJ-11 RJ-45 Ethernet/PoE USB
	Configuration	N/a	Through a PC connected to control ports (RS-232/USB/Ethernet)	Through a PC connected to control ports (RS-232/USB/Ethernet)	Through a PC connected to control ports (RS-232/USB/Ethernet)	Through a PC connected to control ports (RS-232/USB/Ethernet)	Through a PC connected to control ports (RS-232/USB/Ethernet)
	User interface	Integrated handset	ISDN control handset, menu screens on PC	ISDN control handset, menu screens on PC	ISDN control handset, menu screens on PC	ISDN control handset, menu screens on PC	ISDN control handset, menu screens on PC
Indicative vessel type	Small fishing vessels, leisure craft and regional merchant fleets. Suitable for crew calling and bridge communications	Short-sea merchant ships, patrol boats, workboats, yachts, fishing vessels	Medium-size merchant ships, large yachts, fishing vessels, patrol boats, off-shore support craft	Large merchant ships, deep-sea vessels, government vessels, research ships, super yachts, offshore vessels	Small to medium vessels in merchant, fishing, leisure, off-shore industries	Large merchant ships, deep-sea vessels, government vessels, research ships, super yachts, offshore vessels	

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