

# TracPhone® F77



## Satellite Communications Wherever You Go

The premier high-powered Inmarsat Fleet satellite communications system

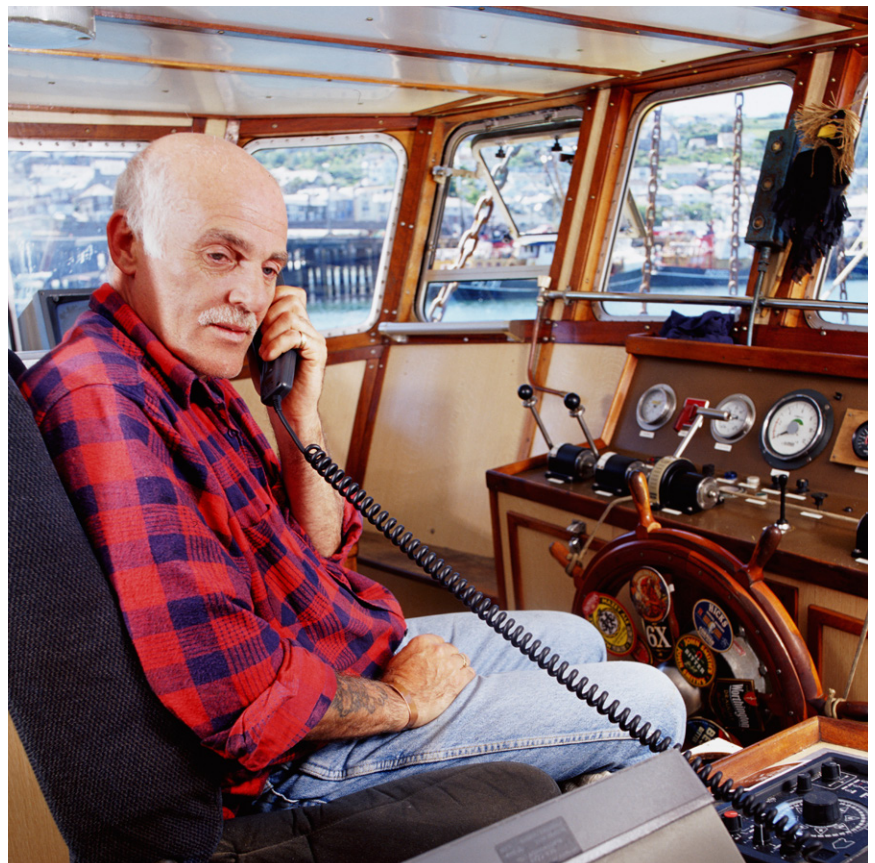


### Key Features and Attributes

- Meets GMDSS standards for international regulatory compliance
- Pay-as-you-go plans so you only pay for what you use
- Two powerful options for Internet access: ISDN (per-minute charge) for high-bandwidth voice, video conferencing, and large file transmission; and MPDS (per-megabit charge) through which you only pay for the data you send and receive, not for the time you spend online
- Pole-to-Pole Global Mobile Packet Data Service (MPDS) allows “always on” Internet connections and cost-effective web surfing at speeds as high as 640 Kbps (up & down)
- Rely on Inmarsat airtime services provided by KVH that offer exclusive airtime benefits and a single point of contact for both hardware and airtime questions

### TracPhone F77 – a powerful, global commercial-grade communications solution for virtually any vessel

The powerful TracPhone F77 marine satellite communications system provides access to Inmarsat Fleet’s Integrated Services Digital Network (ISDN) channel and Mobile Packet Data Service (MPDS) via Inmarsat’s global beams, ensuring uninterrupted voice, data, and fax service. Plus, you enjoy added flexibility thanks to the TracPhone F77’s compatibility with shipboard PABX systems as well as onboard networks (when connected to an IP router). Now up-to-date weather reports or maritime chart and navigational updates are available virtually anywhere you travel. In addition, the Inmarsat Fleet F77 service is designed to meet the International Maritime Organization’s (IMO) latest distress and safety specifications within the Global Maritime Distress and Safety System (GMDSS).

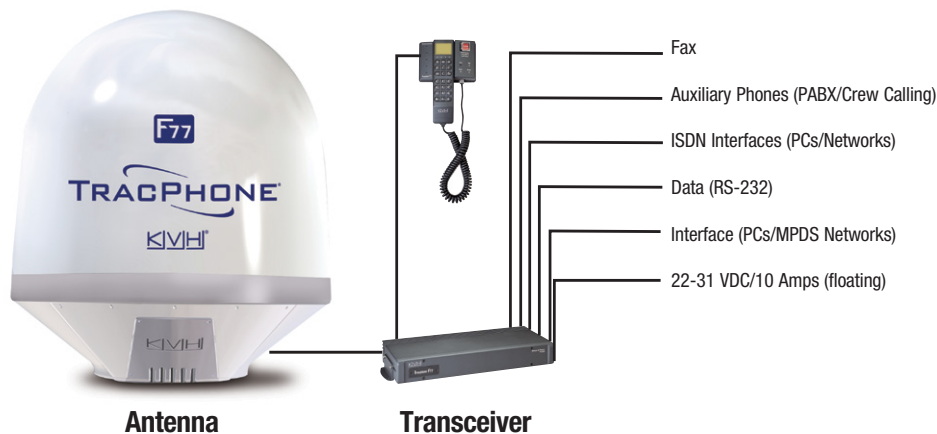


## Technical Specifications

<b>Service</b>	Inmarsat Fleet	<b>Transceiver Dimensions</b>	5.5 (h) x 38 (w) x 16.4 (d) cm (2.2" x 15" x 6.5")
<b>Voice</b>	4.8 Kbps ( <i>global beam</i> ) 64 Kbps ( <i>global beam</i> )	<b>Transceiver Weight</b>	2.6 kg (6 lbs)
<b>Fax</b>	Group 3 & 4 ( <i>global beam</i> )	<b>Handset Dimensions</b>	20 (h) x 5 (w) x 3 (d) cm (7.9" x 2" x 1.2")
<b>MPDS Standard</b>	64 Kbps ( <i>global beam</i> )	<b>Handset Weight</b>	0.25 kg (0.6 lbs)
<b>ISDN 1 Standard</b>	64 Kbps ( <i>global beam</i> )	<b>Cradle Dimensions</b>	10 (h) x 14.5 (w) x 4 (d) cm (3.9" x 5.7" x 1.6")
<b>ISDN 2 Standard</b>	128 Kbps ( <i>spot beam</i> )	<b>Cradle Weight</b>	0.25 kg (0.5 lbs)
<b>Interfaces</b>		<b>Antenna Diameter</b>	84 cm (33") – Standard <sup>1</sup> 89 cm (35") – Matching
<b>Async. Data:</b>	MPDS: up & down 64 Kbps shared (128-320 Kbps), Serial EIA standard RS-232E, Built-in modem, max. 115.2 Kbps, DB-9 female connector	<b>Antenna Height</b>	89 cm (35") – Standard <sup>1</sup> 99 cm (39") – Matching
<b>Phone:</b>	2-wire 600, standard DTMF telephones, RJ-11	<b>Antenna Weight</b>	26 kg (57 lbs) – Standard <sup>1</sup> 34.9 kg (77 lbs) – Matching
<b>Fax:</b>	2-wire 600, Group 3 Fax, 9.6 Kbps, RJ-11, Group 4 compatible using ISDN channel	<b>GMDSS Approved</b>	Yes
<b>Printer:</b>	N/A	<b>Matching TracVision® Dome</b>	TracVision TV8
<b>LAN Port:</b>	RJ-45; MPDS: up & down 64 Kbps shared (128- 320 Kbps with compression) PPPoE	<b>Type Qualified</b>	64 Kbps ( <i>global beam</i> )
<b>EURO ISDN:</b>	ISDN NT1 S/T bus, RJ-45 connector	<b>Warranty</b>	1 Year Parts, 1 Year Labor
<b>Power:</b>	22-31 VDC/10 amps ( <i>floating</i> )		
<b>Environmental</b>			
<b>Operating Temp:</b>	-25°C to +55°C (-13°F to +131°F)		
<b>Storage Temp:</b>	-40°C to +80°C (-40°F to +176°F)		

Meets Inmarsat, FCC, and CE requirements.  
<sup>1</sup> Not shown.

## System Diagram



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