

The Iridium® Advantage for Maritime



Iridium CertusSM

Inmarsat Fleet Broadband

Services

Voice Calls	Yes, High Quality	Yes
Voice Lines	3	1 Standard (Multi-Voice Available)
Data Services	Yes	Yes
Safety Services	Yes (GMDSS)*	Partial (505 Service not GMDSS Compliant)

Equipment

Price Range	\$\$ - \$\$\$	\$\$\$ - \$\$\$\$
Antenna Size	25 cm x Ø 38 cm (Cobham) 23 cm x Ø 35 cm (Thales)	FB250 28cm x Ø 33cm / FB500 79cm x Ø 69cm
Antenna Weight	3 - 8 kg	7 - 23 kg
Ease of Installation	Easy	FB250 Medium / FB500 Difficult

Network

Constellation	Low-Earth Orbit	Geostationary Orbit
Number of Satellites	66 Operational (9 Spares)	4 Operational (No Spares)
Constellation Network	Cross-Linked Seamless Global Network	Independent Networks
Service Coverage	Truly Global	Global, but not Polar
Frequency Band	L-Band	L-Band
Data Speed (Standard)	88/176/352/704/1408 kbps (Terminal Dependent)	FB250 <284kbps / FB500 <432kbps
Data Speed (Streaming)	Up to 256 kbps**	FB250 <128kbps / FB500 <256kbps
Service Interruption (When Transitioning Between Satellites)	No	Yes, Up to Several Minutes

Plans

Pay As You Go	Yes	No
Short Term Plans	Yes	Yes
Flexible Plans	Yes	Yes***
Pooled Plans	Yes	Yes
VSAT Companion Plans	Yes	Partial
Out of Allowance Costs****	\$ - \$\$	\$\$ - \$\$\$\$

*IMO recognition received in 2018. Service availability expected in 2020.

**Expected availability in 2019.

***Select Plans Only

****Plan Dependent

The Iridium Certus Maritime Product Portfolio is being developed by third-party manufacturers and as such, is indicative and subject to change. Services are determined by partner implementation.

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