

WaveCall™ provides vessel owners and crew with reliable communications. Email, Internet, phone, news, banking and remote business applications are easily accessible with always-on Internet access and IP-based services. Using a global teleport network and Sea Tel's industry-leading 1 meter Ku-band antenna system, WaveCall™ enables fast, cost-efficient communications at sea.

Stay in touch with business, friends and family on shore while you are at sea.

Key features:

- Always-on Internet access for business and crew use.
- Fixed monthly pricing for unlimited usage.
- Multi-regional coverage.
- IP access to the Internet and corporate networks enabling fast downloads of large data files and Email.
- Simultaneous voice and data services allow for phone calls and computer use at the same time.

Key benefits:

- **High speed connectivity:** access data applications at speeds of up to 1 Mbps.
- **Customs and harbour applications:** can be completed on-line and submitted via Email.
- **Crew members stay connected:** family and friends are a phone call or Email away.
- **Vessel status:** arrival and departure times are always known.
- **Cost-efficiency:** pooled bandwidth allowing users to benefit from reduced communications costs.
- **24/7 global customer support.**
- **Increased productivity:** always-on Internet access to stay connected with the world.
- **Vessel is always connected to the main office:** therefore business never stops.

Applications

WaveCall™ is ideal for sea going regional and multi-regional vessels that require always-on broadband satellite communications. In addition, the service is suitable for private corporate networks with requirements for a variety of applications, including file and image transfer, video conferencing, Email, Virtual Private Networks, and database backup.

How WaveCall™ works

WaveCall™ provides a broadband connection via satellite from the vessel to the public Internet and PSTN. The system performs similar to any standard terrestrial voice and data network. An Ethernet port on the Below Deck Equipment allows users to connect to a shipboard Local Area Network (LAN) or to stand-alone PCs onboard. In addition two RJ-11 analog FXS telephone ports can be easily connected to a shipboard PBX or directly to on-board telephones. By interconnecting the Below Deck Equipment to the shipboard gyro compass, satellite acquisition is facilitated with minimal user intervention.

WaveCall™
by Marlink

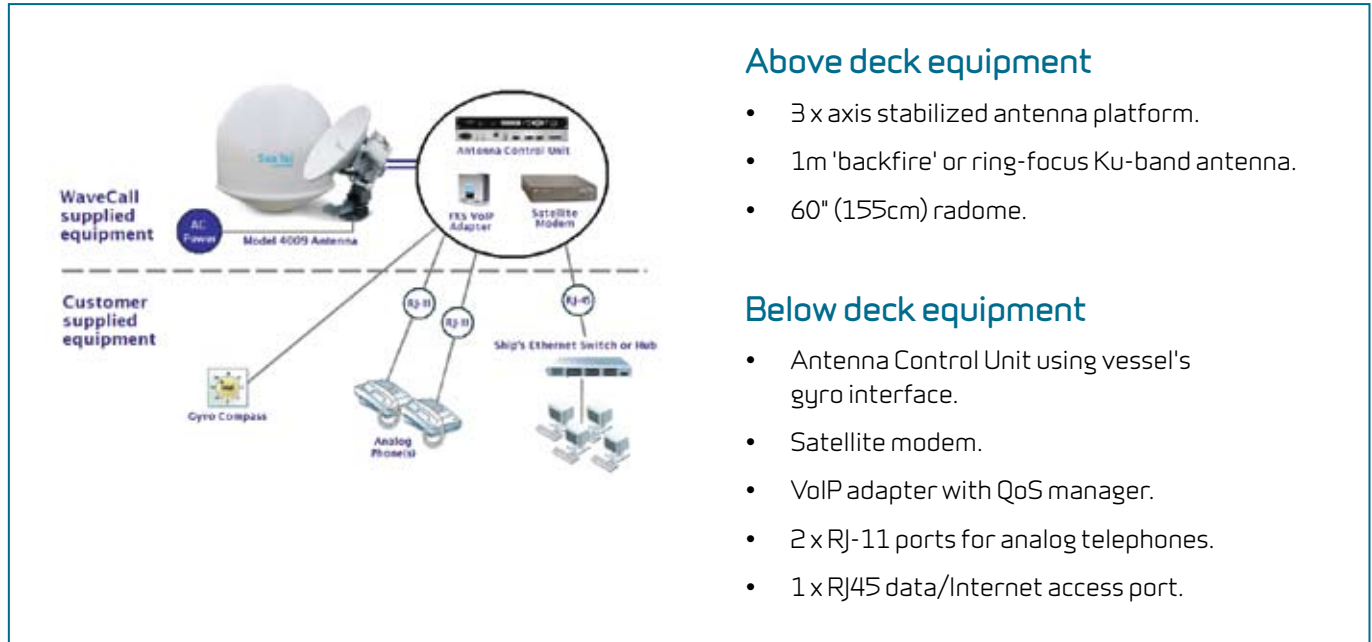


Shipboard system

The vessel is equipped with a WaveCall™ 1 meter Ku-band antenna system, featuring Sea Tel's most advanced technology, comprised of Above Deck and Below Deck equipment. The equipment is designed specifically for maritime use and is stabilized to withstand extreme marine environments.

WaveCall™ service coverage

WaveCall™ is currently available for maritime users on a multi-regional basis and coverage is provided through multiple satellite operators. The service is enabled by a global teleport and terrestrial network. Marlink continuously evaluates the evolving needs of its customers and expands its service coverage areas as required to meet those needs.



Above deck equipment

- 3 x axis stabilized antenna platform.
- 1m 'backfire' or ring-focus Ku-band antenna.
- 60" (155cm) radome.

Below deck equipment

- Antenna Control Unit using vessel's gyro interface.
- Satellite modem.
- VoIP adapter with QoS manager.
- 2 x RJ-11 ports for analog telephones.
- 1 x RJ45 data/Internet access port.

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