

WaveCall™ provides vessel owners and crew with reliable VSAT 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 a 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:

- Data rates of up to 1024 Kbps for shore-to-vessel communications and up to 256 Kbps for vessel-to-shore communications
- IP access to the Internet and corporate networks enabling fast downloads of large data files and email
- Unlimited data transfer allowance
- High Quality of Service (QoS) for voice calls through an internal PSTN infrastructure
- Easy, stand-alone or network compatible installation
- Regional, multi-regional and global coverage
- Fixed monthly pricing for unlimited usage

Key benefits:

- **High speed connectivity:** access data applications at speeds of up to 1 Mbps
- **Customs and harbour applications:** can be completed online 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 allows 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 regional, multi-regional and global 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 in the same way as 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 on board. 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.

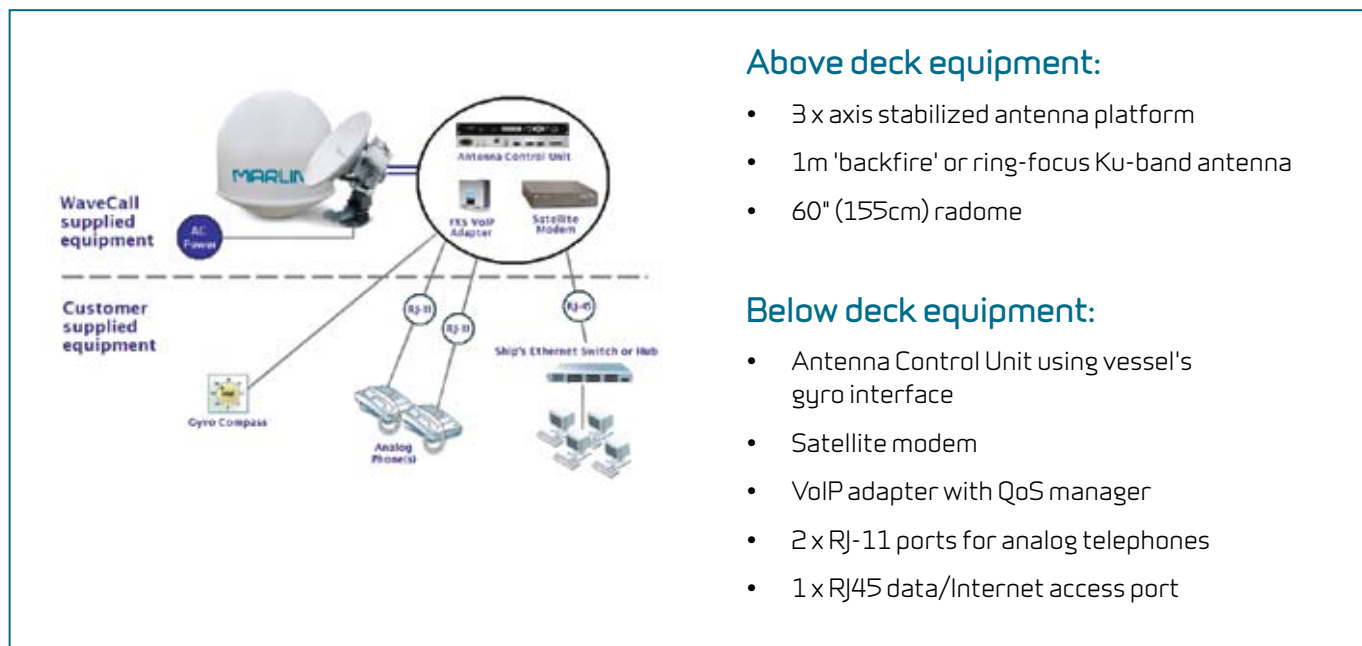
WaveCall™
by Marlink

Shipboard system:

The vessel is equipped with a WaveCall™ 1 meter Ku-band antenna system, comprising above deck and below deck equipment. The technology 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 regional, multi-regional and global 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

Choose Marlink as your maritime satellite communications supplier...

• Control

We own our teleports, giving us full control over our network – which gives you a more robust and reliable system.

• Flexibility

Our comprehensive product portfolio means whatever your needs, VSAT, MSS – we can provide the best, most tailored option.

• Support

Wherever you operate in the world, we provide regional support with regional knowledge – 24/7.

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