

# Maritime Communication – Your gateway to the world.

A comprehensive, global  
communications solution  
for shipping.



«Reduce your  
communication  
costs.»



Maritime Communication offers you a comprehensive, global communications solution for shipping. Depending on availability and data volume you will communicate via HF, satellite or GSM networks. The system automatically selects the optimum transmission medium so that your communication costs will be noticeably reduced whilst existing services are still retained.



Whether you are travelling on a cargo ship, fishing vessel, chartered boat or yacht, Maritime Communication offers you reliable, user-friendly, economical solutions for data and voice communication that will meet your highest expectations.

The product portfolio from Maritime Communication is extensive. It ranges from HF modems for users on private vessels to complete systems for HF, satellite and GSM communication for commercial shipping.

The portfolio is based on our worldwide HF coastal radio station network and is rounded off with GSM offers and services of global SATCOM providers such as Inmarsat, Iridium und Thuraya.

#### Benefits:

- > Lower communication costs
- > Automatic, least cost routing taking into consideration all on-board communication systems
- > User-friendly operation as you can use your existing computer and mail software
- > Access to your usual e-mail accounts and databases anytime and anywhere
- > E-mail application for your crew members at an inexpensive fixed rate

#### We provide:

- > A turn-key, one-stop communications solution via HF, satellite and GSM, including equipment, installation, training and worldwide support
- > Guaranteed availability of HF communications even during crises or when communication via satellite is difficult or impossible
- > The experience, expertise and quality of a strong Swiss partner

«A reliable, economical solution for your data and voice communication.»



## The Ship Com Server – the «nerve centre»

The Ship Com Server is the perfect assistant for comprehensive, cost-optimised communications on board any vessel. It assists you by automatically selecting the optimum transmission medium according to the task and the bandwidth requirement.



### Applications:

- > Company mail
- > Crew mail
- > E-mail to SMS
- > Current meteorological data, downloaded automatically
- > Transmission of GPS position data for Internet applications
- > Data services (e.g. webcam, online monitoring, FTP)
- > Data and voice communication via satellite

### Features:

- > Optimised routing using automatic selection of the least expensive transmission medium
- > Interfaces for the integration of all communication systems (HF, satellite and GSM)
- > Ethernet interface for LAN applications
- > Server with integrated marine HF modem
- > Frequency control of modern maritime HF radio equipment (Automatic Link Establishment ALE)
- > High compression

### Optional equipment for satellite and GSM communication

The Ship Com Server – the centrepiece of Maritime Communication – is easily connected to the existing communications network on your vessel. Your existing relationships to the satellite, airtime and GSM providers remain the same. However, you can also benefit from our complete Maritime Communication package by obtaining your HF, satellite and GSM communication services from Swisscom Broadcast. Under our «one-stop solution» philosophy, we are your sole contact that takes care of everything, allowing you to save time and money.

## Our solution

### Airtime – the appropriate cost model

Depending on the desired volume of data and the transmission medium, Maritime Communication offers the appropriate tariff for every requirement.

For **HF communication** we offer the Commercial HF Flat Rate. With this solution you benefit from unlimited data transmission at fixed prices. With the optional Crew Mail Flat Rate you can also offer your crew members an e-mail application at a fixed price. For private users with a small volume of data traffic we offer the Private HF Flat Rate with a defined data volume per year.

You will also find customised solutions and tariffs for **Satellite and GSM communication**. You can choose whether you would rather be billed per minute or per Mbyte. We also offer flat rate models: either for satellite communication alone or a bundle combined with HF use.

## Communications networks

### Our HF network

To guarantee you worldwide HF coverage, we collaborate with many independent HF coastal radio stations on the five continents. Our worldwide HF network uses the most advanced

technologies available to provide you with high-quality data services via shortwave and new modulation methods enable high transmission speeds on standard maritime radio channels.



### Satellite communication

For data and voice communication via satellite we rely on the satellite systems of the well-known global players like Iridium, Inmarsat and Thuraya and we offer all their available services.

## Operational even in turbulent times

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Since 1 January 2009, Swisscom Broadcast has been operating its HF coastal radio station network on behalf of the Federal Office for National Economic Supply (FONES). Maritime Communication guarantees the operational and technical reliability of the shortwave service under all circumstances. In extraordinary situations (times of crisis or war that may occur in certain

parts of the world) we are obligated to maintain the shortwave connections with ships flying the Swiss flag and other users. Data, voice and fax connections on shortwave will be operational, even when satellite communications are hindered or unavailable.

## Excellent service and support – worldwide

Maritime Communication relies on the solid service and support provided by our partners. Partner companies provide worldwide, round-the-clock support and reliable services for a wide range of applications.



## Accounting authority CH01 – everything from a single source

Most countries require your vessel to be connected to an official accounting office. Maritime Communication maintains its own official accounting office in Switzerland: CH01. This simplifies a great number of things for you: a single office bills you for all of your communication activities worldwide – communication via the HF coastal radio station network, satellite airtime and voice.

### Contact

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# Contact

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Interested in finding out more about the services offered by Maritime Communication?  
Please feel free to contact us.

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