

omw

Maritime Mobile Communication





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OUR PHILOSOPHY

Most of us within On-Waves, have been working at sea, raised by the sea and have the greatest respect for all of you who spend a significant part of your life at sea.

We know how hard it is to be far from those that mean most to you, when you would rather have them close. This is why On-Waves, through our unique technology dedicated to the maritime environment, enables travellers, crew members and mariners to stay closer with friends, family and the entire world.

We work to provide solutions for a better life, your life.

Constantin Simeonidis, CEO



Company Profile

On-Waves is a leading telecommunications service provider in wireless mobile network communications offering GSM and CDMA coverage, along with a comprehensive suite of enhanced services to Cruise Ships & Ferries, Cargo Ships, Offshore Installations, Fishing Vessels, Private Yachts, Business Aviation jets and remote terrestrial locations.

With a combination of the latest technologies; excellent voice and data quality, redundant fiber links to all major VSAT satellite providers, up to date services and seamless service for

GSM and CDMA phones, On-Waves brings to both passengers and crew members, an on-board wireless experience matching that which users experience on land.

On-Waves is a subsidiary of Siminn (formerly Iceland Telecom), a well known International mobile phone provider with 1,600 employees and over 500 GSM roaming agreements. Siminn was the very first Maritime GSM provider in the world and the first to offer its services to the Cruise industry, beginning in 2003 on a World Tour Cruise.

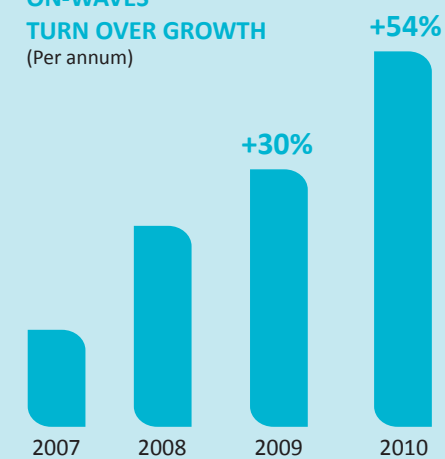
On-Waves : a history of growth

Due to its innovative technology, tailor-made for travellers and seafarers, On-Waves has become the fastest growing maritime telecommunications service provider. In less than a three year period, On-Waves has deployed its system on hundreds of ships and has a backlog

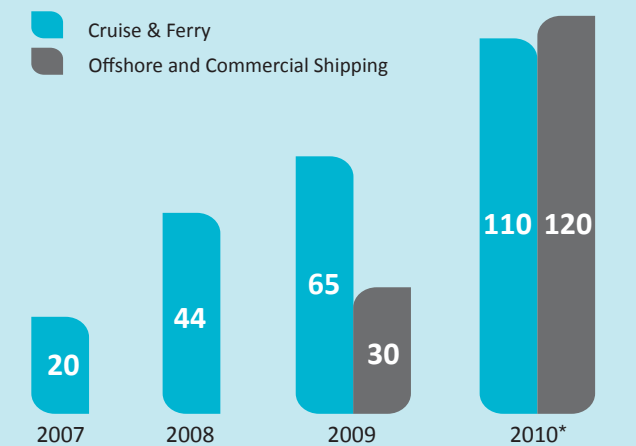
for hundreds more, cooperating with selected, world-class, VSAT providers across the globe.

Every day, On-Waves extends wireless service to more than **100.000 people**, providing them the opportunity to use their mobile devices while on board.

ON-WAVES TURN OVER GROWTH
(Per annum)



ON-WAVES FLEETS



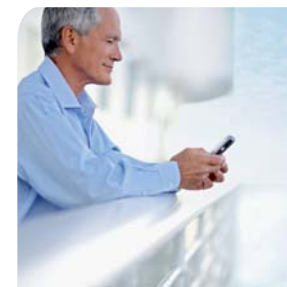
* Forecast (<http://www.on-waves.com/key-figures>)



BUSINESS & LEISURE

Cruise | Ferry | Yacht

On-Waves service enables seamless usage of GSM and CDMA mobile devices on board your vessels. Passengers and crew on board Cruise Ships and Ferries experience crystal clear voice and data service, far better than those on shore. Today's travellers, for business or leisure purposes, demand connectivity wherever they are. Seamless Wireless connectivity is taken for granted and Cruise & Ferry operators are expected to extend this service to their customers.



A partner you can count on

Thanks to On-Waves' unique features, passengers and crew may stay connected. Receiving or placing calls is exactly the same as while on shore, regardless of the location or itinerary of the ship. SMS, data transmissions and on board generated messages, either as text messaging or Bluetooth based broadcasting, are delivered daily on board each vessel to announce promotions, news, information on the next destination and many other topics... the opportunities to reach your customers are virtually limitless.

A comprehensive range of advanced services

MAIN SERVICES

- Outgoing / Incoming Call
- Outgoing SMS
- Incoming SMS (this service is free of charge for users)
- Data via GPRS and/or EDGE mode for Blackberry and PDA's
- MMS
- CAMEL / Pre-paid GSM phone usage

ADDITIONAL SERVICES

- Internal call system integration
- Full or part vessel coverage availability
- Part time coverage on demand
- Marketing Messages via on board or shore generated SMS
- Welcome SMS to passengers

ADMINISTRATION SERVICES

- Secure web link
- Real time monitoring of average and peak VSAT bandwidth
- Real time single vessel or fleetwide position
- Daily status of on board generated traffic for calls and data services

WIRELESS ZONE APPLICATIONS

- Television broadcast to all compatible phones
- Video on demand
- Bluetooth broadcasting on dedicated areas and services

SOCIAL SERVICES

- Crew calling plan through pre-paid system. Extremely low rate globally via a unique tariff

BENEFITS

A privileged Partnership Agreement between On-Waves and your company creates an unprecedented on-board revenue stream while delivering the highest level of service to your clients. On-Waves is also an excellent tool to maintain close communication between your headquarters and staff on vessels. Chief Officers and crew members may also benefit through our unique social program for seafarers.

On-Waves provides all necessary infrastructure and expertise to implement and maintain a state-of-the-art on-board communication system. This includes the network on the vessel and all international interconnections and roaming agreements for call terminations around the world. Service is totally, CAPEX free to your company, and On-Waves owns, operates, maintains and fully supports the entire network as long as it remains available on board.



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PROFESSIONAL SEGMENTS

Offshore | Oil&Gas

On-Waves service helps Offshore vessels and Oil rigs by offering a new, affordable and secured, means of communication. On-Waves maritime GSM service enhances living conditions on board allowing workers to receive and place calls and SMS text messaging in total privacy with friends & family.



Robust Technology for Harsh Environment

On-Waves service provides use of the phone for inbound and outbound calls, SMS text messaging, and connectivity via GPRS, allowing e-mails in almost real time from any part of the world. Web browsing via smart phones is a valuable service for staff, visitors and crew members.

On-Waves provides all necessary infrastructure and expertise to implement and maintain a state of the art on-board communication system. This includes the network on the vessel and all international interconnections and roaming agreements for call terminations around the world. On-Waves service is maintenance-free for your company, with globally available on-site assistance when required. Core maintenance activities are conducted remotely, and our technical team is ready to travel and solve any

unforeseen issues. On-Waves supports all maintenance and service upgrade costs.

On-Waves offers pre-paid cards based on real time duration and not upon "units". We set unique prices wherever you call, to mobile or fixed phones. A 60 minute card will last 60 minutes, not less. By doing so, users can very easily monitor their expenses, as well as their remaining balance.

Services for a better life on board

MAIN SERVICES

- Outgoing / Incoming Call
- Outgoing SMS
- Incoming SMS (this service is free of charge for users)
- Data via GPRS and/or EDGE mode for Blackberry and PDA's
- MMS
- CAMEL / Pre-paid GSM phone usage

ADMINISTRATION SERVICES

- Secure web link
- Real time monitoring of average and peak VSAT bandwidth
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SOCIAL SERVICES

- Crew calling plan through pre-paid system. Extremely low rate globally via a unique tariff

WIRELESS ZONE APPLICATIONS

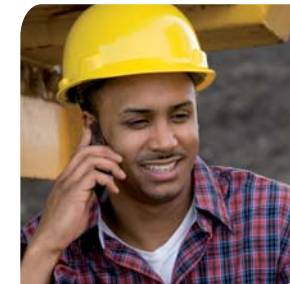
- Video on demand



PROFESSIONAL SEGMENTS

Commercial Shipping

On-Waves service helps Shipping Companies by offering a new, affordable and secured means of communication that complies with demands arising from Seafarer Unions, Crew Management companies and crew members themselves. On-Waves maritime GSM service enhances living conditions on board allowing workers to receive and place calls and SMS text messaging in total privacy with friends & family.



Crew Welfare and Retention

Mobile communications at sea, in privacy, is On-Waves answer to a key challenge for shipping owners. Crew welfare is a critical factor to each company, since people are often reluctant to stay away from their families and friends, during several months.

Robust, tailor-made mobile services

MAIN SERVICES

- Outgoing / Incoming Call
- Outgoing SMS
- Incoming SMS (this service is free of charge for users)
- Data via GPRS and/or EDGE mode for Blackberry and PDA's
- MMS
- CAMEL / Pre-paid GSM phone usage

ADMINISTRATION SERVICES

- Secure web link
- Real time monitoring of average and peak VSAT bandwidth
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SOCIAL SERVICES

- Crew calling plan through pre-paid system. Extremely low rate globally via a unique tariff

WIRELESS ZONE APPLICATIONS

- Video on demand

A UNIQUE IN THE INDUSTRY PRE-PAID CARD PROGRAM

On-Waves offers pre-paid cards based on real time duration and not upon "units". We set unique prices wherever you call, to mobile or fixed phones, close or very far from where your vessel is located. A 60 minute card will last 60 minutes, not less. By doing so, crew members can very easily monitor their expenses, as well as their remaining balance.

On-Waves pre-paid card system is an excellent tool to keep your staff and crew members satisfied by offering high level service for very affordable prices, sometimes even less expensive than similar services rendered by land-based operators.



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Fishing fleets

On-Waves maritime GSM service enhances living conditions on board, allowing fishermen to receive and place calls and SMS text messaging in total privacy with friends & family.

On-Waves service greatly assists large Fishing Fleets by offering a new, affordable and secured, means of communication and complies with demands arising from seafarer Unions and crew members. On-Waves system allows roaming for visitors but is essentially

used for its "a la carte" pre-paid services. On-Waves service includes usage of the phone via GPRS and allows sending and receiving e-mails in almost real time from any part of the world. Web browsing via smart phones is a valuable service for staff and

crew members. On-Waves pre-paid card system is an excellent tool to keep your staff and crew members satisfied by offering high level service for very affordable prices, sometimes even less expensive than similar services offered by land-based operators.

Navy & Army

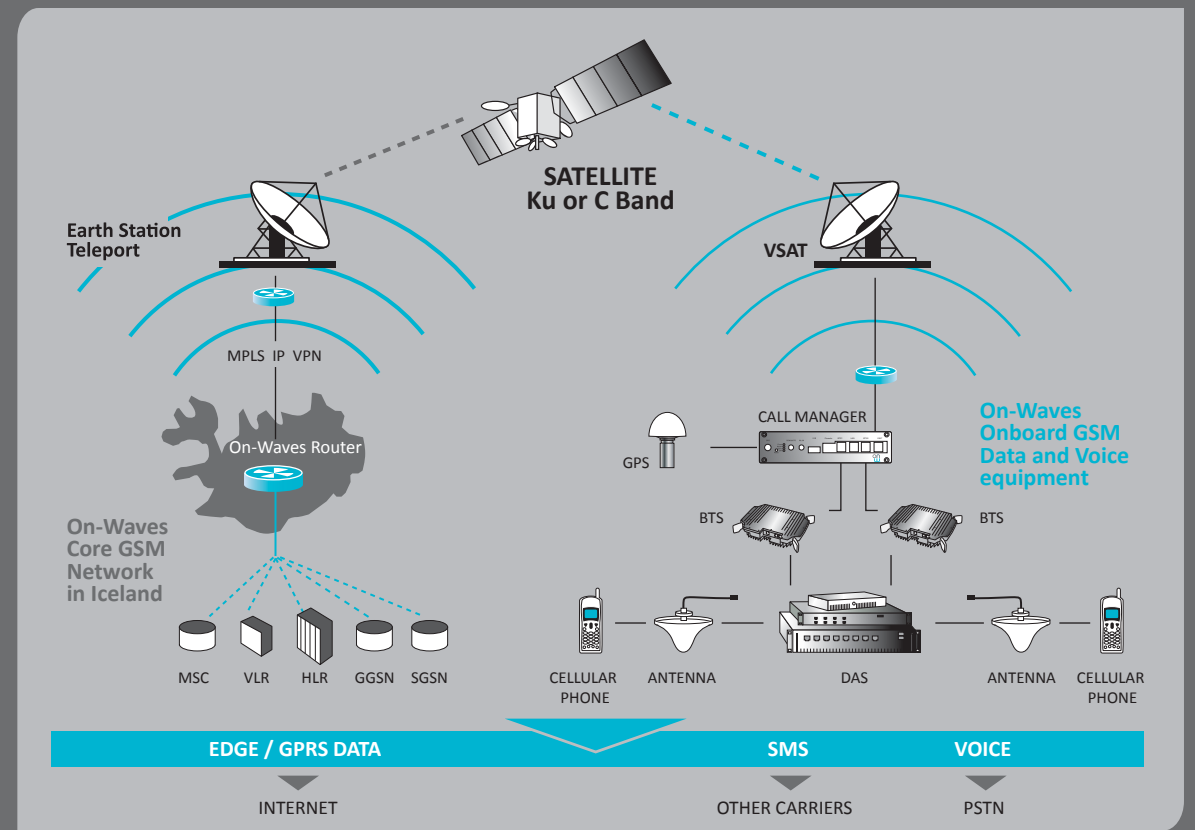
Maintain the morale of mariners and soldiers is a key element.

Living and working under pressure in the harshest of environments requires the most robust and reliable communication tools available... for all reasons, including personal communication needs.

Whether on a Navy ship, Coast Guard

vessel or in a remote military camp, On-Waves maritime GSM services enhance on-board living conditions by allowing everyone to place and receive calls and SMS text messages in total privacy and security. In addition, GPRS and EDGE based applications, enable

instant access to personal email and Internet browsing through smart phones and compatible devices. Both GSM and CDMA services are supported, via post-paid roaming for visitors and tailor-made pre-paid card services.

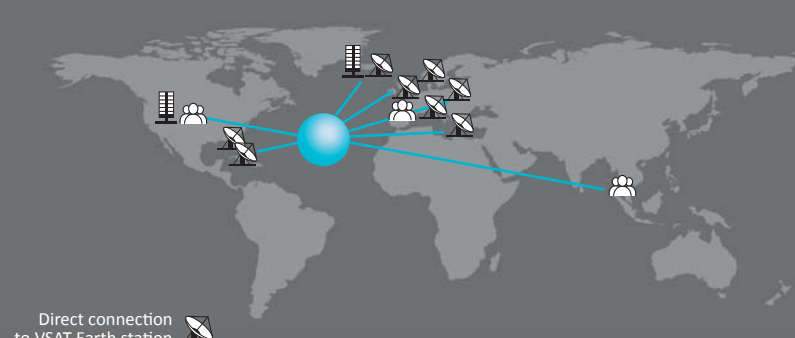


EXCLUSIVE TECHNOLOGY & GLOBAL PRESENCE

On-Waves uses **exclusive technology** to enable **GSM, GPRS, EDGE, CDMA, 1XRTT and EVDO mobile connectivity**. Our significant advances in maritime telecommunications remain unmatched. On-Waves exclusive solution is built upon open technologies and provides a transparent native IP system that **can be linked to any VSAT provider**.

Calls are routed from the vessel to the terrestrial gateway of your existing VSAT provider and from this point directly to On-Waves GSM/CDMA core network for call processing. On-Waves terrestrial links are connected to all major VSAT gateways. All links are fully redundant with automatic fail-over to provide unrivalled service for International GSM, GPRS and CDMA call terminations.

OUR GLOBAL PRESENCE



Direct connection to VSAT Earth station

Core Network

Support and Installation Team

Connected via **8 terrestrial gateways**

On-Waves utilizes dynamic bandwidth allocation software, silent detection and enhanced voice compression codecs to minimize bandwidth usage from the existing VSAT infrastructure.

In full compliance with BARG-46 regulations, the **On-Waves service switches-on automatically when the vessel enters international waters** (which is generally 12 nautical miles or in some cases beyond 2 nm following ITU and GSMA rules and recommendations). Upon activation passengers receive a Welcome SMS announcing the availability of service. Mobile phones display "On-Waves" as the network service provider for Post and Pre-Paid roaming mobiles.

On-Waves pre-paid service sold through the ship can be configured to present the ship's name as its network service provider. On-Waves' Siminn specific maritime roaming agreements, under full compliance with BARG46 regulations and linked to our core network, offer worldwide coverage on-waves, in-air and on-land.

ON-WAVES SUCCESS FACTORS

Innovative solutions for harsh environments,
Latest GSM & CDMA technology,
Tailor-made services,
Knowledge of maritime environment,
Reactive and **flexible**,
Worldwide support,
Hundreds of roaming agreements,
Respectful of installation delays,
Experience coming from hundreds of vessel network deployments,
Permanent R&D to match market expectations.



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