



Imagine our world without wifi, without 4G, without Instagram, without Facebook, no Google, Snapchat or Tiktok, no online Netflix or Spotify. That's Monara at sea! And try to sell that to your young crew...

In order to be able to communicate, we have made some choices:

A wifi hotspot extender catches public or private networks using a dedicated antenna, and provides a private Monara network. A 4G network takes over when the wifi drops out.



As roaming tariffs outside Europe can be really expensive, we will buy prepaid data SIM cards in different countries. One card covering 70+ countries is our backbone ().

To cover our offshore communications, in order to pick up recent weather forecasts and establish a basic data and voice connection, but also in case of emergency, the Iridium Go! must take over. The Iridium network operates from anywhere on the globe.

([https://www.iridium.com/products/iridium-](https://www.iridium.com/products/iridium-go/)

[go/](https://www.iridium.com/products/iridium-go/)).



The Predictwind weather forecast service (<https://www.predictwind.com/>) co-operates with Iridium to guarantee constant weather updates. An advantage of this service is a GPS tracking page on our website [www.monara.be](http://www.monara.be).

Finally, in case of emergency, we will be able to activate our Epirb.

Maybe it will remain a dream, but we do follow the Starlink launches closely, as we would love to install a Starlink antenna on Monara, which could replace most of our communication equipment, giving us a warp speed data connection globally. Anybody can put in a good word with Elon? We will gladly be his ambassador! ([www.starlink.com](http://www.starlink.com))



For our ship-to-ship and ship-to-shore communication we can rely our Sailor and Icom VHF. Both radios contain our ATIS code, and the Icom is linked to a GPS antenna. Our VHF antennas are located on two separate masts. A third VHF antenna operates an AIS B transceiver, which allows us to identify ships around us, and be visible to other ships. The AIS signal is transferred to our digital mapping system through our NMEA2000 network, and could be linked to our Koden radar as well.

Finally, we have a waterproof Icom handheld VHF available, which goes along on the Zodiac and allows us to communicate with Monara from shore.

