



Broadband Internet

Enjoy broadband Internet at sea with MNS-Net high speed Internet solutions for yachts

One-way Internet via satellite: Use your standard Satellite TV antenna to boost your Internet downlink speed. With the new Satellite Broadband Server, you get a server that controls all your connections, with an easy to use web interface.

Uplink connection by GPRS or MPDS will give you additional gain. - As you only pay for the data used, you can reduce your Internet connection bill drastically, as most of the data is received through the Satellite TV antenna.

Satellite Internet is now available on Hotbird (13°E) and Astra 2 (28°E)



Features of Satellite Broadband Server:

Fast and reliable - downlink speeds of up to 512kbps, typical in 'feel' to terrestrial ADSL.

Economical - prices for shore-to-ship data are a fraction of narrowband satellite systems.

Incremental capital expenditure - connect to existing TVRO and narrowband communications equipment.

Easy to Install, Simple to Use - the Satellite Broadband Server has been designed with installers and users in mind.

No software installed on ship computers - service is accessed and managed through a web browser.

Simultaneous television and Internet access at Europe's most viewed locations.

Volume based pricing for shore-to-ship data - pay only for what you use.

Remote diagnostics for fast fault alerting and enhanced customer care.

Advanced algorithms to speed up Internet access, e-mail receipt, etc.

ADSL speed internet via mobile phone

The new generation mobile telephone system labelled HSDPA (or G3,5) is now available for larger cities in Spain. We have done tests using a HSDPA router in Palma, and have achieved download speeds of up to 1 Mbit/s with normal web surfing.

With this internet connection speed, GSM is now at the same (or better) level of speed available from most WiFi systems offered in ports, - but without the hassle of searching for available networks, and arranging a subscription every time you reach a new port. The new GSM system has a range that goes way beyond the range of a WiFi system, and most HSDPA terminals will automatically connect to the slower and older UMTS and GPRS systems when outside HSDPA coverage.



Vodafone, as the largest mobile phone company in the world, is one of the main sponsors for the Americas Cup event in Valencia. For the event, a HSDPA network will be available for spectators, enabling real-time update through the internet of the races using the Virtual Spectator solution developed for the event. Vodafone are also represented in most European countries, ensuring trouble-free roaming when outside Spain, and at favourable rates.

It is only 2 ½ years ago that UMTS or 3G was released, with the giant data speed leap to 384 kbit/s from its precursor GPRS operating at 1/10th the speed. The latest GSM system now offers a data speed that is 100 times faster than the old dialup GSM (or Inmarsat) from 5 years ago, and 25 times faster than Inmarsat MPDS introduced with Inmarsat Fleet77.

Terminals for the new HSDPA systems are until now limited to data only terminals in the form of routers, USB modems or PCMCIA (slot in cards for laptops). Already, a few normal handheld phones are available with HSDPA, and the number will increase as new models are released. For a yacht, a dedicated HSDPA router will be the ideal, as this will enable connection sharing for all onboard PC's, and it will be possible to install an external antenna for increased coverage.

Nowcasting Pro Offshore weather forecast system



NOW WITH TRANS-ATLANTIC WEATHER ROUTING

v.5.0 of this revolutionary weather forecast system is now available. With v.5.0, the forecast data are increased from 48 hour forecasts to 72 hour forecasts. V.5.0 also has a new and improved layout, and integrated chart zoom function.

Nowcasting Pro is the most revolutionary short-range marine weather forecasting system available. Nowcasting Pro offers Super Yachts the chance to plan and execute their journeys with reliability and accuracy. The system offers high resolution, PC based marine weather forecasting for wind and sea state. Nowcasting Pro is now the weather system of choice on yachts in both the Mediterranean and the Caribbean.

Nowcasting Pro allows you to download the data for the area you require by GSM or Satellite phone in only 1 minute, and to browse the information off-line. If you are spending too much downloading weather charts from the Internet, and are concerned about forecast data quality, Nowcasting Pro is the product for you.