

SCS Pactor Modems - for SSB Email

SailCom Marine Marine Communications Specialists

SailCom specialises in off-shore communications for the yachtsmen and can provide satellite and SSB communications solutions and support a select range of products that SailCom Marine have tested and know work in the marine environment.

*SSB system:-
+Icom M801E transceiver
+SCS Pactor modems
+Pacific SSB antennas
+Mscan Meteo - wxfax
+Dynaplates
+SSB Commissioning
+SSB Email - SailMail*

*Satellite Systems
+Spot Satellite Tracking
+Inmarsat iSat phone
+Fleet Broadband
+Iridium 9555
+Air times contracts
+Pay-As-You-Go*

Email via SSB is still the most cost-effective way of receiving and sending email while onboard your yacht as there are no connection or line charges, nor are there any charges for the amount of data sent. Payment is by an annual subscription fee.

To use SSB Email you require a service provider and at SailCom Marine we recommend SailMail which is used by many yachtsmen around the world and has global support.

SailMail provides a global network of 15 SSB stations, it does not matter which station you use. You can also use SailMail if your computer is connected to the Internet via satellite, mobile or wifi connections – It's not just a n SSB system.

SCS Pactor 3 Modems

PACTOR 3 is the protocol used to send and receive SSB email. Pactor 3 is specifically designed for use over SSB radio, which due to its nature has a very limited bandwidth. Pactor 3 makes best use of this bandwidth offering a maximum speed 3600 BPS but more realistically 1200 to 2800 BPS is achieved.

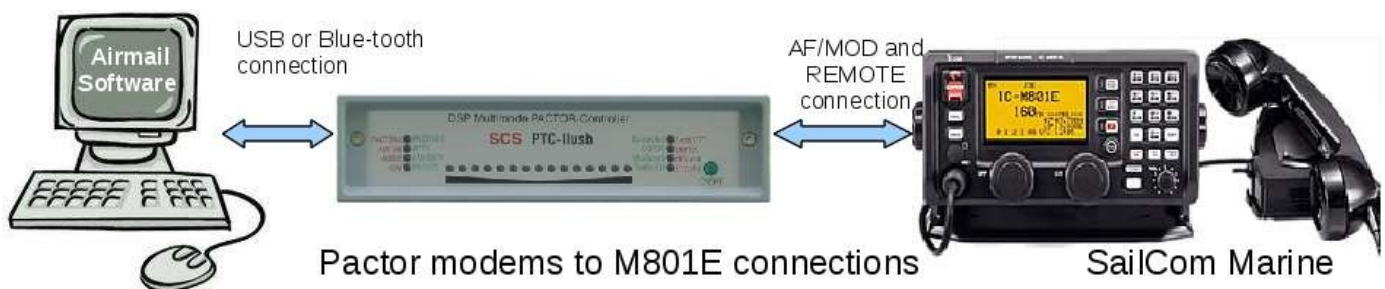
SCS pactor 3 modem main features:

- PACTOR 3 for HF offering a maximum speed 3.6k bits per second
- USB interface between modem and PC or Bluetooth option available
- Remote frequency tuning control for most transceivers (Icom M801E)
- GPS/NMEA interface for position reporting
- Dimensions 172mm x 43mm x 205 mm, weight 750 g
- Voltage 10 to 20 volts operation at 500 mA max
- Operating temperature -20 to 50 deg.C

SSB Equipment Required

To send or receive SSB email you require a suitable marine SSB transceiver, (ICOM M801) a PACTOR 3 radio modem and a PC computer running MS Windows XP or above.

SailCom Marine can supply SCS pactor 3 modem with connecting leads and connection instructions to go between modem and SSB transceiver.



SailMail – email compression service provider

SailCom Marine can set up your computer for SailMail (www.sailmail.com) via SSB and/or Internet connection via satellite, Mobile or Wifi connection – SailMail subscription required.