

See 'B' Seen
See 'B' Seen 'B' Safe
'B' Safe



SevenStar Electronics

SeaTracer™

AIS Class B Transponder

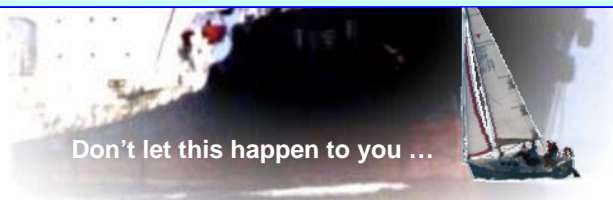


- The **SeaTracer™** AIS Class B Transponder from SevenStar is *one of the first* to be designed following the recent release of the IEC 62287-1 specification. It **TRANSMITS** and **RECEIVES** AIS data utilising **highly sophisticated digital signal processing and software algorithms**.
- Fitted to smaller craft and other non-SOLAS vessels, the **SeaTracer™** works with chart plotters and charting software for lap-tops and PDAs, and shows 'contacts' and their ID and course on the plotter display. **You can see who else is within your vicinity, even if they are behind another object!** (headland, island, ship...). **AND they can see you!!!**
- Your position and ID can also be seen by coastal stations and the rapidly expanding AIS networks
- Also lets **you** see AIS nav aids (AtoN's).
- The system works so well that it is already mandatory in certain countries, and it appears that many national administrations will introduce recommendations or legislation very soon.
- Robust and resilient to the stresses of life at sea, the **SeaTracer™** is housed in an IP-65 rated aluminium enclosure with versatile mounting hardware, all of which is protected with a sea-water resistant coating under a heavy-duty powder-coat external finish.
- AIS has been mandated for SOLAS commercial and passenger vessels worldwide in **Class A** form since 2004, and our **brand new Class B** Transponder works *within this system*, bringing its **wide-reaching benefits to the leisure and smaller commercial vessel market**.
- Designed to be compliant with IEC 62287-1, IEC 60945, ITU-RM.1371-1, IEC 61162-1, IEC 61108-1, ITU R M.493-9, ITU R M.825-3



APPLICATIONS include:

- 🚢 Collision avoidance
- 🚢 Port, harbour and marina management
- 🚢 Coastal tracking and surveillance systems
- 🚢 Charter vessel monitoring
- 🚢 Vessel security
- 🚢 Homeland security
- 🚢 Asset monitoring & management
- 🚢 Anti-piracy, anti-smuggling



Don't let this happen to you ...

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AIS Class B Transponder



SPECIFICATIONS

- Designed to meet IEC 62287-1 released 2006
- Environmental requirements to IEC 60945
- Globally agreed frequency allocation – it works everywhere! 156.025 to 162.025KHz, 25KHz step
- Contains 2 VHF receivers and 1 VHF transmitter
- Contains an integral 16 channel DGPS receiver to IEC 61108-1, and accepts RTCM corrections
- One VHF receiver can be used to monitor DSC
- Transmitted Power 2W as per IEC 62287-1
- 25KHz channel spacing
- Bit rate 9600b/s AIS, 1200b/s DSC
- Small size and robust design makes it equally suitable for RIBs to yachts to power cruisers and professional workboats – in fact virtually anything!
- Standard NMEA/RS422 and RS232 connections
- 38.4kbaud bi-directional data ports
- Works with AIS-ready NMEA-compatible plotters and chart software on laptops, PDAs, etc
- +12v DC power, 0.5A typ.
- Sealed TNC connectors for VHF and GPS antennas
- Three different mounting options
- Water resistant to IP-65
- Robust aluminium casing is chemically treated to protect it from sea water, and is then further protected by a heavy-duty 'powder-coat' finish
- LED status indicators to speed installation
- Its unique digital design brings new levels of sophistication and performance, with guaranteed lifetime accuracy and increased reliability
- Size: 180 x 110 x 40mm
- Weight: only 900g.

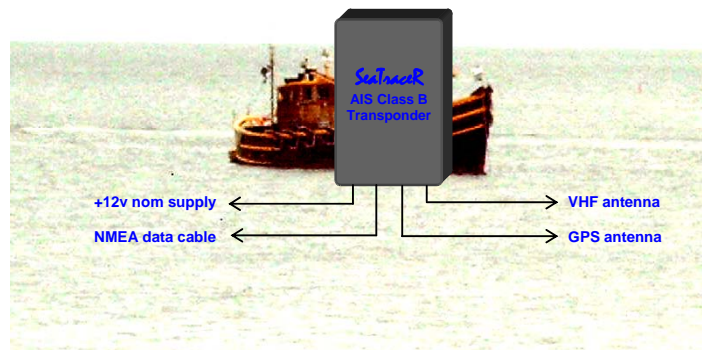
Another close call ...



Versatile mounting options ...



Simple to install ...



SevenStar Electronics Ltd.
Unit 7, Richards Close,
Wootton Bassett, Wiltshire
SN4 7LE U.K.

www.SevenStarElectronics.com
sales@SevenStarElectronics.com
Phone/Fax: (+44)(0) 1793 852829

SevenStar Electronics Ltd. is approved to
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Authorised agent:

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www.Busse-Yachtshop.de email: info@busse-yachtshop.de