

i-ais-TBCS

CLASS B CS

TRANSPONDER

i-ais-TB CS is an advanced Class B "Carrier Sense" AIS Transponder which improves the safety of navigation by assisting in the efficient navigation of ships and small craft, protection of the environment and operation of Vessel Traffic Services (VTS).

i-ais-TB CS Class B AIS Transponder is capable of providing vessel information automatically, continuously and with the required accuracy and update rate. It can be used for collision avoidance (in a ship-to-ship mode), traffic management (as a VTS tool in ship-to-shore mode) and obtaining information about the craft.

In addition to standard Class B CS features; i-ais-TB CS has advantageous functions that can be used by local authorities. It generates and transmits alarm messages according to pre-defined rules (i.e. entering a prohibited zone, over-speed in a defined



area); automatically switches to high power output (12.5W) mode for pre-defined regions (i.e. wide range inland sea) and Search and Rescue (SAR) events. Moreover, it filters MMSI numbers of other fisheries vessels to hide hunting regions, informs the authorities in case of intentional power cut-offs to prevent tracking and provides black box feature for analysis of past events.

LEADING FUNCTIONS

- Ⓛ Zone based rules and adaptive operation
- Ⓛ Automatic output power setting
- Ⓛ Special functions for fisheries management
- Ⓛ SAR Buttons (Fire, Security, Health, Accident)
- Ⓛ Information for intentional power cut-offs
- Ⓛ Collision warning messages
- Ⓛ Black box feature
- Ⓛ Compatible with i-SEA Platform