

# Sea Tel ST 14

Marine stabilized antenna system ready for multiple satellite TV selection

2008 Data Sheet

The most important thing we build is trust

## ST 14 TV-at-Sea Antenna

The Sea Tel ST 14 antenna is compact, with a 14" diameter dish inside an attractive white radome that is just 18" tall and weighs only 25 lbs. The ST14 has a different design than our previous antenna systems. The new pedestal assembly is made of a highly reliable and durable nylon polyamide injection molding that is used on a very large number of products including aircraft antennas.

This makes the ST 14 with Hi-Definition reception extremely lightweight and sets it apart from anything in its class. Now even smaller yachts can enjoy HD-TV at Sea.

Sea Tel's ST 14 has many of the same features as the Coastal 18 including a wide coverage range and built-in GPS for fast satellite acquisition. Other features include DVB (digital video broadcasting) signal identification, Sea Tel's proprietary antenna control and fasttrack signal lock software, plus high-performance stabilization and satellite tracking even in inclement weather.



Recent comparison tests with a competitors antenna suggests that the ST14 antenna has 1dB more signal gain and 0.3 dB less signal attenuation than the competitors radome. This is a grand total of 1.3 dB more signal to the satellite receivers and means that in a heavy rain storm or out on the edge of the footprint, the ST14 will still have a video signal when the competitors antenna has lost its video signal.

# COBHAM

## Specifications

- Min. EIRP: 50 dBW
- Dish Diameter: 36.8cm/ 14.5"
- Radome: 41.9cm/16.5 D x 45.7cm/ 18" H (22% smaller than the Coastal 18)
- Antenna Weight: 15 lbs/ 6.8kg
- Power Requirements: 12-24 Vdc
- Operating Temperature Range: -20°C to 55°C
- Ship's Motion +/- 25° Roll and +/- 15° Pitch
- Roll and Pitch Response Rate >25°/sec
- Azimuth Range - Unlimited
- Full Elevation Range 15° to 65°
- Circular Polarization
- Higher antenna efficiency, offering a greater range of reception further offshore and stronger signal strength than the competition
- Small, attractive white radome
- High-performance stabilization and satellite tracking even in inclement weather
- Built-In GPS for fast satellite acquisitions
- DVB (Digital Video Broadcasting) signal identification.
- Sea Tel's proprietary antenna control and fast-track signal lock software
- North American programming & digital music channels
- Supports up to 2 receivers as standard
- Supports multiple receivers. (Active multi-switch required)
- Pedestal assembly is made of a highly reliable and durable nylon polyamide injection molding
- Easy-to-install dome with 2-year warranty on parts; 1-year labor
- HD Ready

For further information please contact:

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