



# Sea Tel<sup>®</sup> USAT 24

*When the going gets rough, Sea Tel<sup>®</sup> keeps going*

## Broadband-at-Sea



The Sea Tel Model USAT24 is a 60 cm Ultra Small Aperture Terminal for Broadband connectivity in SCPC or TDMA networks. Building on the success of the commercial grade 2406 VSAT, the USAT24 is designed for the Leisure market, specifically Inter-Coastal vessels to be complemented by the Coastal 24 (60 cm) TV receive only antenna. Services are offered on a number of platforms such as: Hughes, Viasat and iDirect with optimal satellite coverage areas provided by the leading satellite operators.

The USAT24 is one of the smallest and lightest, Ku-band antenna's for marine broadband applications which while offered at a low price, continues to provide uncompromised Sea Tel performance.

- Antenna: 60 cm/24" Ring Focus feed
- Receive gain: 34.0dBi @ 10.95 GHz
- Transmit gain: 36.0dBi @ 14.0 GHz
- 13.5 dB / K calculated G/T @ 12 GHz (Clear sky, 20 degrees elevation)
- Radome:  
70cm / 27.2" D X 68cm / 26.6" H
- Weight: 30Kg / 65 lbs max.
- Meets FCC EIRP Spectral Density Mask @ -21.6 dBW / 4KHz
- Ship's Motion:  
+/- 25° Roll and +/- 10° Pitch
- < 0.2° RMS mis-pointing @ +/- 20° / 10°
- Linear polarized feed with Auto Pol
- 6W or 8W BUC versions only
- Built-In GPS for fast satellite acquisition
- Azimuth Range of Motion: 680 Degrees (Limited)
- Elevation Pointing Range:  
+20 to +65° @ 10° of roll
- Built-in test capability, run from antenna control unit or PC
- Windows M&C program
- Built-in test includes Strip Chart Recorder
- Remote Diagnostic Capable