

Sea Tel[®] 9797 Antenna

When the going gets rough, Sea Tel[®] keeps going



The Sea Tel Model 9797 radical offset antenna is our most efficient ever C-band, X-band and Ku-Band marine stabilized antenna system. The Model 9797 is both INTELSAT and DSCS compliant. You get more through-put using the same or lesser amount of valuable deck space.

Also available as a dual-band selectable C and Ku-Band system for complete flexibility. Innovative Radical Offset antenna technology provides unparalleled efficiency and performance. An unmatched range of additional powerhouse features means a system you can rely on whatever the weather or the sea conditions.

COBHAM Antennas

www.seatel.com

Sea Tel[®]
Look to the Leader. Look to Sea Tel.

Broadband-at-Sea

- Receive gain: 46.7dBi @ 6.18GHz
48.45dBi @ 14.25GHz
- Transmit gain: 38.5dBi @ 3.95GHz
47.75dBi @ 11.85GHz
- 20.2 dB/k calculated G/T @ 3.95 GHz
(Clear sky, 20 degrees elevation)
- Radome: 3.65m/144" D x 3.6m/142" H
- INTELSAT Earth Station Standard 601 Rev 9
- Sidelobes, 100% below 29-25 log mask
- Compliant to DSCS requirements: X-Band G/T > 22db/k @ 7.5 GHz
- Ship's Motion: +/- 25° Roll or +/-20° Roll and +/- 15° Pitch
- < 0.2° PEAK mis-pointing @ +/-25°/15°
- Automatic satellite acquisition
- Circular/linear C/Ku. Circular X-Band
- Automatic linear polang positioning
- Optional KU band drop in feed for dual band operation
- Internal tracking receiver
- Unlimited azimuth (no cable unwrap)
- Built-in test capability, run from antenna control unit or PC
- Windows M&C program/
- All antenna control functions
- M&C for antenna mount RF equipment, up/down converters
- Built-in test includes Strip Chart Recorder
- Remote Diagnostics
- Meets Navy MIL-STD-901D GRADE A shock standards and MIL-STD-461 EMI & RFI standards (including 200V/M)
- Meets MIL-STD-167-1 Vibration

Sea Tel, Inc. – Tel: (01) 925-798-7979 – Fax: (01) 925-288-1420 – Toll Free: 1-888-798-7979 – E-mail: info@seatel.com