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INTELLIAN DEVELOPS C-BAND VSAT COMMUNICATIONS ANTENNA

Nor-Shipping 2011, Stand A1-15

Irvine, Calif. – Intellian, the world’s technological leader in marine satellite antennas, has expanded its VSAT communications antenna range with the recently launched v240C, which provides uninterrupted broadband connectivity compatible with C-band. Visitors to the Intellian stand at Nor-Shipping will be provided with further information about this 2.4 metre (94.5 inch) antenna – currently the largest in the Intellian VSAT communications range.

The v240C provides an on-demand satellite communications solution for commercial and deep sea vessels requiring seamless broadband connectivity. Two models are available; Circular-only polarised, and Circular and Linear polarised. Developed in-house by Intellian engineers, the patented Automatic Polarisation Switching technology, which is incorporated into the Circular and Linear polarised model, eliminates the need for manual changes by switching between linear and circular polarisation when required.

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The new Intellian antenna embodies the latest in C-band technology and provides an open standard platform functioning with virtually any modem to ensure compatibility with all service providers. It also incorporates high-gain parabolic ring focus components, a carbon fiber parabolic reflector, and newly designed feed-horn and RF components that deliver highly reliable communications performance at sea. The advanced design provides a weight saving averaging 800 pounds less than comparable products on the market.

The v240C supports a variety of Block Up Converters (BUC) ranging from 25W to 200W, enabling the user to choose the required bandwidth. For systems with BUCs that are 100W or higher an internal air conditioning unit is available.

The antenna is designed to deliver superior performance in low signal strength environments and situations. Its rigid, lightweight carbon fibre parabolic reflector design eliminates the poor reception issues associated with flexible dishes and its -15 degrees to +120 degrees elevation range is ideally suited for use in extremely high latitude and equatorial regions.

The highly effective and fully automated, 3-axis, stabilised antenna platform with unlimited azimuth capability ensures reliable satellite access and no down time due to cable wrap and rough seas.

The v240C Antenna Control Unit (ACU) features a built-in Wi-Fi antenna and router that makes it easy to control and monitor the system wirelessly. Operators can also access the system’s ACU remotely via the IP network control. It is also easy to install, operate and maintain, and being compatible with other products on the market the antenna can be easily retrofitted.

Designed and tested to excel in all sea states and weather conditions, all Intellian antenna systems are manufactured to withstand the company’s industry-leading standards for vibration and resonance frequency, as well as extreme shock.

Availability: The v240C will be available from September 2011
About Intellian Technologies
Intellian is the global leader in maritime satellite communication antenna systems. Founded in 2004, the fastest growing company in the industry, Intellian has delivered over 15,000 antennas in just five years. Intellian offers a full line of VSAT communications and satellite TVRO antennas for recreational boats and ocean vessels in the commercial, oil & gas markets, and the military. Intellian exports its product to 6 continents and over 40 countries and has established 300 contracted dealers and a support network worldwide. Intellian is headquartered in Seoul, South Korea and has U.S. operations in Irvine, California and Seattle Washington and Rotterdam, Netherlands.

For more information about Intellian call +1 (949) 727-4498 or visit www.intelliantech.com.

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