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PRESS RELEASE: NEW RESEARCH AND DEVELOPMENT PARTNERSHIP

FOR IMMEDIATE RELEASE

January 3, 2011

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**Atmospheric Systems Corporation Enters Development and Commercialization Partnership with Wind Measurement Technologies to develop the next generation of SoDAR Systems for use in Wind Assessment. This effort will be led by Dr. Kenneth Underwood and Professor Stuart Bradley and aims to provide the truest comparison to meteorological towers.**

Valencia, CA, January 3, 2011, Atmospheric Systems Corporation (ASC) announced today that it has entered into a research collaboration with Wind Measurement Technologies (WMT), a division of Auckland UniServices Limited (UniServices) for the development and commercialization of a common volume Bi-static Doppler SoDAR system to be used primarily in the wind industry as a remote sensor for wind assessment.

The partnership between ASC and WMT will focus on developing a Sonic Detection and Ranging (SoDAR) system that will provide superior capabilities to existing remote sensing devices presently available to developers, engineers and meteorologist in the wind industry. The new system will obtain its wind information from volumes within a single atmospheric column. A key design strategy is that current ASC SoDARs will have the capability of being upgraded to this system. According to Dr. Underwood, "Our goal is to revolutionize and improve remote sensing without making existing ASC units obsolete."

The project began November 1, 2010 with ASC's President, Dr. Ken Underwood as the official lead and point of contact for ASC's research and development team. Dr. Underwood is one of the leading SoDAR experts in the world and has been involved fulltime in SoDAR research, development and manufacturing for over 30 years. Professor Stuart Bradley, Scientific Director of WMT, is the official lead and point of contact for WMT's research and development team. Professor Bradley is an internationally known expert in the design and use of SoDAR technology and the author of *Atmospheric Acoustic Remote Sensing: Principles and Applications*.

Atmospheric Systems Corporation (ASC) is a California based business that was established for the design, manufacture, sales and use of surface based atmospheric remote sensing instruments and systems to monitor the atmospheric boundary layer parameters such as wind, turbulence and temperature profiles. <http://www.minisodar.com>

Wind Measurement Technologies (WMT) is a contract research and consultancy group that specializes in applied acoustics research. WMT has key capabilities in wind measurements and is part of Auckland UniServices Limited (UniServices), the largest commercialization company of its kind in the Southern hemisphere and a wholly owned subsidiary of the University of Auckland, New Zealand.

SoDAR (Sonic Detection And Ranging) is an acoustic instrument for monitoring the atmospheric environment. SoDAR systems are used to measure wind speed and wind direction at various heights above ground level through the scattering of sound waves by atmospheric turbulence.

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If you would like more information about this topic, or to schedule an interview with Dr. Ken Underwood, please call Scotty Price at (712) 291-0172 or email Scotty at [scottyprice@minisodar.com](mailto:scottyprice@minisodar.com). <http://www.minisodar.com>