

**TEST FUNCTION ADDED TO LEADING  
VISIBILITY AND PRESENT WEATHER SENSORS**

Biral, one of the world's leading meteorological specialists, has just added a useful test function to its entire range of visibility and present weather sensors.

All of these Biral sensors are now supplied with enhanced internal software featuring a new test setting which can be used as part of Factory or Site Acceptance Testing (FAT or SAT) at client handover.



With this feature, the sensors can now be switched into a 'test mode' via the serial PC connection. This test mode allows the user to force the sensor to report user-defined data for visibility, present weather, window contamination and fault status for a fixed period of time.

This new feature is designed to allow users to test the operation of other connected equipment such as aviation or marine warning lights or signs which are configured to operate at specific visibility conditions. In this way, the end-to-end control system operation can be demonstrated and tested for both commissioning as well as client acceptance approvals.

There are three ranges of Biral equipment which now come with this enhanced capability and these are the SWS, RWS and VPF visibility and present weather sensors which are used in applications from climate research to highway, aviation, and navigational safety.

All sensor models use forward scatter meter technology to measure present weather and output Meteorological Optical Range. There are five models in the SWS range and four models in the VPF range, covering a host of applications from roads, tunnels, and weather networks to the harsher conditions of marine and aviation. The latest introduction, the RWS-20 road weather sensor is

designed specifically for the harsh roadside environment and remains accurate in all weather conditions.

Biral's VPF range of visibility and present weather sensors are the most accurate and durable on the market with a proven track record of over 20 years and are designed for many critical applications. For applications not requiring such extreme levels of robustness and accuracy Biral offers the SWS low cost range of present weather sensors which are less expensive than competitive sensors of a comparable quality.

All of Biral's top of the range VPF visibility and present weather sensors come with a full five year warranty, its SWS sensors carry a three-year warranty and RWS sensors a two year warranty. And given Biral's knowledge of the proven longevity of its equipment in the field, customers also have the option of extending warranty to fifteen years on the VPF range and ten years on the SWS range of sensors.

Further details of Biral's range of visibility and present weather sensors is available from Biral on +44 1275 847787, email: [enquiries@biral.com](mailto:enquiries@biral.com) or by visiting the company's website at [www.biral.com](http://www.biral.com)

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*For further **editorial** information contact Nathan Neal of Biral on +44 1275 847787, email: [enquiries@biral.com](mailto:enquiries@biral.com) or Nick Brooks of Vantage PR on +44 1600 715251, email [pr@vantage.uk.com](mailto:pr@vantage.uk.com) or fax +44 1600 715254.*

***For colour separation requests please email Brenda Christopher at [brenda@vantage.uk.com](mailto:brenda@vantage.uk.com) or fax +44 1600 715254.***

*Issued on behalf of Biral, Unit 8, Harbour Road Trading Estate, Portishead, Bristol, BS20 7BL [www.biral.com](http://www.biral.com) by Vantage Public Relations, 14 White Swan Court, Monmouth, Monmouthshire, NP25 3NY, [www.vantage.uk.com](http://www.vantage.uk.com)*

#### NOTE TO EDITORS:

Established in 1975 Biral is a leading manufacturer of meteorological instruments and supplies the international market with one of the largest ranges of products available. Its scope extends from sensors to measure wind, temperature, precipitation, visibility, solar radiation and other standard parameters to present weather sensors and complete weather stations. The company's products can be used across a diverse number of applications in the aviation, oil and gas, marine and wind energy markets as well as for roads and highways. Biral is also a specialist in the design, manufacture and supply of particle analysis and climate research instruments for science, industry and the environment.

#### CAPTION:

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