

News Release 06-11

Photon Control Launches New Downhole Pressure Temperature Sensor Designed For Oil Sands Industry

Burnaby, B.C., May 26, 2011 ~ Photon Control Inc. ("Photon Control") (TSX-V: PHO), a leading developer of innovative measurement technologies, is pleased to announce the launch of a new product; The **Downhole Pressure and Temperature Sensor (DHPTS)** is specifically designed to meet the demanding needs of the **Steam Assisted Gravity Drainage (SAGD)** process required to efficiently extract the bitumen from oil sands projects.

Major Oil and Gas companies are investing significant dollars in developing oil sand resources in Northern Alberta, Canada. One method that is of particular interest, is a technique referred to as **Steam Assisted Gravity Drainage (SAGD)**. The temperature and pressure of the steam required to efficiently extract the bitumen, in a **SAGD** process, are considerable. The temperature can be as high as 300°C with pressures exceeding 100 MPa.

The ability to accurately measure these process variables during production is extremely important for process optimization and can help reduce overall production costs. Traditional sensors are prone to failure as a result of material limitations and high levels of thermally induced noise.

The Photon Control **DHPTS** is designed to meet the demanding needs of the **SAGD** process. The sensing elements are hermetically sealed within a stainless steel probe and are Hydrogen resistant. The **DHPTS** boasts accurate high pressure and temperature range as well as a Spectral Multiplexer with 8 or 16 channels. The Probe is connected to the interface electronics with optical fibres, housed within a stainless steel cable; the cable can be up to 5000 m in length.

Photon Control Inc. will be displaying the **Downhole Pressure Temperature Sensor** at **MIOGE 2011, June 21-24 in Moscow, Russia at the Canadian Pavilion # 1304, Pav. 1**

For more information about the **Downhole Pressure Temperature Sensor** and Photon Control's products please visit www.Photon-Control.com or email info@photon-control.com

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About Photon Control Inc.

Photon Control Inc. Commercializes and develops innovative measurement technologies specializing in Oil & Gas, Semiconductor, Power and Manufacturing industries world wide. Photon Control's products have competitive advantages in both performance and cost. Photon Control's mission is to preserve and improve human life through the creation of innovative measurement technologies. Headquartered in Burnaby, BC, Photon Control Inc is listed on the TSX Venture, trading under the symbol "PHO." Additional information about the company can be found at www.photon-control.com/investorrelations.

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