



LIGHTWAVE LOGIC™

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Lightwave Logic Announces Publication of Independent Research Report on the Company

Available on Lightwave Logic website

Newark, Delaware – April 5, 2010: Lightwave Logic, Inc. (OTC BB: LWLG) a technology company focused on the development of the ‘Next Generation Electro-Optic Polymer Material Platform’ for applications in high speed fiber-optic data communications and optical computing, announced the publication of a comprehensive independent research report on the company prepared by HighPoint Research. The report provides an overview of the company and its technology, its recent accomplishments and the opportunities that exist for the adoption of its material platform in large markets for critical applications.

The report is available in the Investor Relations section on the Lightwave website at www.lightwavelogic.com.

“Powered by Lightwave Logic”

Lightwave Logic, Inc. is a development stage company that is producing prototype electro-optic demonstration devices and is moving toward commercialization of its high-activity, high-stability organic polymers for applications in electro-optical device markets. Electro-optical devices convert data from electric signals into optical signals for use in high-speed fiber-optic telecommunications systems and optical computers. Please visit the Company's website, www.lightwavelogic.com, for more information.

Safe Harbor Statement

The information posted in this release may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. You can identify these statements by use of the words "may," "will," "should," "plans," "explores," "expects," "anticipates," "continue," "estimate," "project," "intend," and similar expressions. Forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected or anticipated. These risks and



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uncertainties include, but are not limited to, general economic and business conditions, effects of continued geopolitical unrest and regional conflicts, competition, changes in technology and methods of marketing, delays in completing various engineering and manufacturing programs, changes in customer order patterns, changes in product mix, continued success in technological advances and delivering technological innovations, shortages in components, production delays due to performance quality issues with outsourced components, and various other factors beyond the Company's control.