



LIGHTWAVE LOGIC™

Lightwave Logic Announces RADM Thomas Zelibor Appointed to Role of Executive Board Member

NEWARK, Delaware, May 11, 2011 /PRNewswire/ -- Lightwave Logic, Inc. (OTC Bulletin Board: [LWLG.OB](http://www.lightwavelogic.com)), a technology company focused on the development of a *Next Generation Non Linear Optical Polymer Materials Platform* for applications in high speed fiber-optic data communications and optical computing, announced today that Thomas Zelibor will be assuming the role of Executive Board Member. Prior to today's announcement, Mr. Zelibor had previously been a non-executive member of the company's board of directors.

Retired Rear Admiral Zelibor brings over twenty years of strategic planning and senior leadership in both the military and in private industry as well. He will be assisting the company's operating activities on an interim basis.

Jim Marcelli, Chief Executive Officer of Lightwave Logic said, "I am extremely pleased to have the help of experienced executive of Tom Zelibor's caliber of as we begin our commercialization strategy. Lightwave will be adding additional management expertise to shepherd new product initiatives and Tom's assistance will insure that this gets underway and smoothly transitions into permanent hires."

"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 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,



LIGHTWAVE LOGIC™

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.

For Further Information Contact:

Steven Cordovano
Lightwave Logic
203-952-6373
steve@lightwavelogic.com

Phillips W. Smith
Lightwave Logic
480-280-9192
phil@lightwavelogic.com