Glasgow Louis Charles Form 3 November 14, 2011

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement Lightwave Logic, Inc. [LWLG] A Glasgow Louis Charles (Month/Day/Year) 11/01/2011 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 1693 YARDLEY DRIVE (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person WEST CHESTER, PAÂ 19380 (give title below) (specify below) Form filed by More than One Chief Technology Officer Reporting Person (City) (State) (Zip) **Table I - Non-Derivative Securities Beneficially Owned** 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership (Instr. 4) Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of

information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Expiration Exercisable Date	· · · · · ·	Price of Derivative Derivative Security: Security Direct (D) or Indirect (I) (Instr. 5)		

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Stock Option (Right to Common $\hat{\mathbf{A}}$ $\underline{^{(1)}}$ 01/31/2017 150,000 \$ 0.63 D Â Buy)

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

> > Chief Technology Officer Â

Glasgow Louis Charles Â 1693 YARDLEY DRIVE

WEST CHESTER, PAÂ 19380

Signatures

/s/Louis C. 11/07/2011 Glasgow

**Signature of Reporting Person

Explanation of Responses:

If the form is filed by more than one reporting person, see Instruction 5(b)(v).

Date

Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

On November 1, 2011 the reporting person received an option to purchase up to 150,000 shares of common stock that vests pursuant to the following schedule: The option vests quarterly over three years in equal installments of 12,500 shares per quarter beginning February 1, 2012.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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