Bridgeline Software, Inc. Form 4 December 28, 2009

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * MASSIE THOMAS L

2. Issuer Name and Ticker or Trading Symbol

Bridgeline Software, Inc. [BLSW]

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

(Middle)

3. Date of Earliest Transaction

10% Owner

C/O BRIDGELINE SOFTWARE. INC., 10 SIXTH ROAD

(First)

(Month/Day/Year)

12/23/2009

_X__ Director X_ Officer (give title Other (specify below) below)

President and CEO

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

D

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

WOBURN, MA 01801

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

or Code V Amount (D) Price

Common Stock

843,667

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 1.12	12/23/2009		A	250,000	<u>(1)</u>	12/23/2019	Common Stock	250,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 9	Director	10% Owner	Officer	Other		
MASSIE THOMAS L C/O BRIDGELINE SOFTWARE, INC. 10 SIXTH ROAD WOBURN, MA 01801	X		President and CEO			

Signatures

/s/ Thomas L.

Massie

**Signature of Reporting Person

12/28/2009

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This option becomes exercisable with respect to 1/3 of the underlying shares on each of December 23, 2010, December 23, 2011 and December 23, 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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