

MULDER DAVID M  
Form 4  
October 05, 2010

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
MULDER DAVID M

2. Issuer Name and Ticker or Trading Symbol  
BIOLASE TECHNOLOGY INC  
[BLTI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/30/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
\_\_\_\_ Officer (give title below)  Other (specify below)  
Former Director and CEO

4 CROMWELL  
(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

IRVINE, CA 92618  
(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/30/2010		M		8,891	A	\$ 0.82
Common Stock	09/30/2010		S		1,291	D	\$ 1.22
Common Stock	09/30/2010		S		4,300	D	\$ 1.17
Common Stock	09/30/2010		S		1,000	D	\$ 1.2
Common Stock	09/30/2010		S		2,300	D	\$ 1.2
Common Stock	09/30/2010		S		2,300	D	\$ 1.2
Common Stock	09/30/2010		S		2,300	D	\$ 1.2

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Common Stock	09/30/2010		M	35,735	A	\$ 0.93	35,735	D
Common Stock	09/30/2010		S	10,800	D	\$ 1.19	24,935	D
Common Stock	09/30/2010		S	6,900	D	\$ 1.18	18,035	D
Common Stock	09/30/2010		S	3,000	D	\$ 1.2	15,035	D
Common Stock	09/30/2010		S	4,080	D	\$ 1.17	10,955	D
Common Stock	09/30/2010		S	10,955	D	\$ 1.17	0	D
Common Stock	10/01/2010		M	3,000	A	\$ 0.78	3,000	D
Common Stock	10/01/2010		S	3,000	D	\$ 1.19	0	D
Common Stock	10/01/2010		M	1,400	A	\$ 0.82	1,400	D
Common Stock	10/01/2010		S	1,400	D	\$ 1.23	0	D
Common Stock	10/01/2010		M	5,930	A	\$ 0.93	5,930	D
Common Stock	10/01/2010		S	930	D	\$ 1.17	5,000	D
Common Stock	10/01/2010		S	5,000	D	\$ 1.25	0	D

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

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(9-02)

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

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. Transaction Code (Instr. 8)	5. Number of Derivative 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)		Title

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					Date Exercisable	Expiration Date		Amount or Number of Shares
Stock Option (right to buy)	\$ 0.78	09/30/2010	M	8,891	03/10/2009	03/10/2019	Common Stock	8,891
Stock Option (right to buy)	\$ 0.82	09/30/2010	M	6,100	01/26/2009	01/26/2019	Common Stock	6,100
Stock Option (right to buy)	\$ 0.93	09/30/2010	M	35,735	04/03/2009	04/03/2019	Common Stock	35,735
Stock Option (right to buy)	\$ 0.78	10/01/2010	M	3,000	03/10/2009	03/10/2019	Common Stock	3,000
Stock Option (right to buy)	\$ 0.82	10/01/2010	M	1,400	01/26/2009	01/26/2019	Common Stock	1,400
Stock Option (right to buy)	\$ 0.93	10/01/2010	M	5,930	04/03/2009	04/03/2019	Common Stock	5,930

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MULDER DAVID M 4 CROMWELL IRVINE, CA 92618				Former Director and CEO

## Signatures

/s/ David M.  
Mulder

10/04/2010

\*\*Signature of  
Reporting Person

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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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