

DE GREEF RODERICK  
Form 4  
December 21, 2018

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

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 \*  
DE GREEF RODERICK

2. Issuer Name and Ticker or Trading Symbol

BIOLIFE SOLUTIONS INC [BLFS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)  
Chief Financial Officer

(Last) (First) (Middle)  
C/O BIOLIFE SOLUTIONS,  
INC., 3303 MONTE VILLA  
PARKWAY, SUITE 310

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/19/2018

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

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

(Street)  
BOTHHELL, WA 98021

(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	12/19/2018		M		10,000	A	\$ 1.8099
Common Stock	12/19/2018		S <sup>(1)</sup>		10,000	D	\$ 10.67 (2)

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

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SEC 1474  
(9-02)

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**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)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 1.64					(3)	12/20/2021	Common Stock	136,919
Employee Stock Option	\$ 1.8099	12/19/2018		M	10,000	(4)	05/03/2026	Common Stock	10,000
Employee Stock Option	\$ 1.76					(5)	03/04/2026	Common Stock	100,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DE GREEF RODERICK C/O BIOLIFE SOLUTIONS, INC. 3303 MONTE VILLA PARKWAY, SUITE 310 BOTHELL, WA 98021			Chief Financial Officer	

## Signatures

/s/ Roderick de Greef 12/21/2018

\*\*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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 1, 2018. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$10.54 to \$10.73 per share, inclusive. The reporting person undertakes to provide to the registrant, any security holder of the registrant, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range.
- (2)
- (3) The stock option vests and becomes exercisable as follows: 85,960 shares vested on March 8, 2018 and 85,959 shares will vest on March 8, 2019.

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- (4) The stock option vests 25% on the first anniversary of the grant date, and in 36 equal monthly installments thereafter.
- (5) The stock option vests 25% on the first anniversary of the grant date and thereafter, in 36 equal monthly installments. Such options shall continue to vest regardless of whether Mr. de Greef's service with the Company continues.

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.