

<b>OMB APPROVAL</b>	
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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**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Mackin James P</u>  (Last) (First) (Middle) CRYOLIFE, INC. 1655 ROBERTS BLVD, NW  (Street) KENNESAW GA 30144  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CRYOLIFE INC [ CRY ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President &amp; CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>02/19/2017</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	02/19/2017	02/20/2017	F		13,367 <sup>(1)</sup>	D	\$17.25	412,338	D	
Common Stock	02/19/2017	02/20/2017	F		3,324 <sup>(1)</sup>	D	\$17.25	365,209	D	
Common Stock	02/19/2017	02/20/2017	A		60,496 <sup>(2)</sup>	A	\$17.25	425,705	D	
Common Stock	02/21/2017	02/21/2017	A		31,111 <sup>(3)</sup>	A	\$0	443,449	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Stock Option (Right to Buy)	\$16.3							02/21/2018	02/21/2024	Common Stock	87,637	87,637	D	

**Explanation of Responses:**

- These shares were withheld upon the vesting of restricted stock to pay tax withholding obligations.
- Represents performance stock units granted on February 19, 2016 and earned at approximately 142.2% of target based on 2016 adjusted EBITDA. Fifty percent (50%) were issued on February 19, 2017. The remaining shares earned in connection with the February 2016 grant will vest and be issued as follows: 50% on 02/19/2018, and 50% on 02/19/2019, assuming continued employment on the relevant vesting date.
- Represents share of restricted stock that vest on the third anniversary of the grant date if the reporting person remains in the continuous employment of the Company.

/s/ J. Patrick Mackin                      02/22/2017  
 \*\* Signature of Reporting Person      Date

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

\* 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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