McDermid James M Form 5 January 25, 2018 FORM 5			OMB AP	PROVAL	
UNITED STATE Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). Form 3 Holdings Section 17(a) of the Reported 30(b)	S SECURITIES AND EXCHANGE (Washington, D.C. 20549 FATEMENT OF CHANGES IN BEN OWNERSHIP OF SECURITIES Section 16(a) of the Securities Exchang Public Utility Holding Company Act of) of the Investment Company Act of 19	NEFICIAL ge Act of 1934, of 1935 or Section	OMB Number: Expires: Estimated av burden hour response	verage s per	
Form 4 Transactions Reported 1. Name and Address of Reporting Person <u>*</u> McDermid James M	2. Issuer Name and Ticker or Trading Symbol CRYOLIFE INC [CRY]	5. Relationship of I Issuer	Reporting Perso		
(Last) (First) (Middle) 1655 ROBERTS BLVD NW	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2017	Director XOfficer (give to below)	10%	Owner r (specify	
(Street)	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joi (check	nt/Group Repo applicable line)	rting	

KENNESAW, GAÂ 30144

X Form Filed by One Reporting Person ____ Form Filed by More than One Reporting Person

(City)	(State)	(Zip) Tak	ole I - Non-De	rivative Securities Acquiree	l, Disposed of,	or Beneficiall	y 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) (A) or Amount (D) Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/31/2017	12/31/2017	М	$821 (1) A \begin{cases} $ \\ 16.2775 \end{cases}$	10,497	D	Â

Reminder: Report on a separate line for each class of securities beneficially 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.SEC 2270
(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. Num of Deriva Securi Acquin (A) or Dispos (D) (Instr. and 5)	tive ties red sed of 3, 4,	6. Date Exercis Expiration Dat (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securities
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 16.2775	12/31/2017	12/31/2017	A	821	Â	12/31/2017	12/31/2017	Common Stock	821
Stock Option (Right to Buy)	\$ 16.2775	12/31/2017	12/31/2017	М	Â	821	12/31/2017	12/31/2017	Common Stock	821

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Reporting Owners

Reporting Owner Name / Address	Relationships					
I G G G G G G G G G G G G G G G G G G G	Director	10% Owner	Officer	Other		
McDermid James M 1655 ROBERTS BLVD NW KENNESAW, GA 30144	Â	Â	SVP, CHRO	Â		
Signaturas						

Signatures

/s/ James McDermid	01/25/2018		
**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) These shares were acquired pursuant to CryoLife Inc.'s Employee Stock Purchase Plan (ESPP). The shares were acquired in transactions exempt from Section 16b-3.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.