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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) 2. Issuer Name and Ticker or Trading Symbol 1. Name and Address of Reporting Person CRYOLIFE INC [CRY] McCall Ronald D Director 10% Owner Officer (give title Other (specify 3. Date of Earliest Transaction (Month/Day/Year) below) below) (Last) (First) (Middle) 05/16/2019 CRYOLIFE, INC. 1655 ROBERTS BLVD., NW 6. Individual or Joint/Group Filing (Check Applicable Line) 4. If Amendment, Date of Original Filed (Month/Day/Year) (Street) X Form filed by One Reporting Person 30144 **KENNESAW** GA Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2A. Deemed Execution Date, 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 1. Title of Security (Instr. 3) 2. Transaction 5. Amount of 6. Ownership 7. Nature Date Transaction Securities Form: Direct of Indirect (Month/Day/Year) if any (Month/Day/Year) (D) or Indirect (I) (Instr. 4) Code (Instr. 5) Beneficially Beneficial 8) Owned Following Ownership Reported (Instr. 4) (A) or (D) Transaction(s) ٧ Price Code Amount (Instr. 3 and 4) Common Stock 05/16/2019 05/16/2019 4,163(1) A 141,862 D \$0 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3A. Deemed 6. Date Exercisable and 9. Number of 3. Transaction 5. Number 7. Title and 8. Price of 10. 11. Nature Derivative Conversion Execution Date Transaction Expiration Date (Month/Day/Year) Ownership of Indirect (Month/Day/Year) Derivative Security (Instr. 3) Securities Securities or Exercise if anv Code (Instr. Security Form: Beneficial Price of Derivative (Month/Dav/Year) 8) Securities Underlying Derivative (Instr. 5) Beneficially Direct (D) Ownership Acquired Owned or Indirect (I) (Instr. 4) (Instr. 4) (A) or Disposed Security Security (Instr. 3 Following and 4) Reported of (D) Transaction(s) (Instr. 3, 4 (Instr. 4) and 5) Amount

Explanation of Responses:

1. Represents shares of restricted stock that cliff vest on May 16, 2020, provided the status as a Director with CryoLife continues through such date.

Code

/s/ Ronald D. McCall

Number

Shares

Expiration

Title

05/17/2019

** 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.

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 Number.

(D)

Exercisable

(A)