## SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE TO

TENDER OFFER STATEMENT UNDER SECTION 14(D)(1) OR 13(E)(1) OF THE SECURITIES EXCHANGE ACT OF 1934

> CRYOLIFE, INC. (Name of Subject Company)

> > CRYOLIFE, INC.

(Name of Filing Person (Issuer))

CERTAIN OPTIONS TO PURCHASE COMMON STOCK, PAR VALUE \$.01 PER SHARE (Title of Class of Securities)

228903 10 0

(CUSIP Number of Class of Securities - Underlying Common Stock)

STEVEN G. ANDERSON

CHAIRMAN, PRESIDENT, AND CHIEF EXECUTIVE OFFICER

CRYOLIFE, INC.

1655 ROBERTS BOULEVARD, NW

KENNESAW, GEORGIA 30144

TELEPHONE: (770) 419-3355

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications on Behalf of Filing Persons)

COPIES TO:

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CALCULATION OF FILING FEE

TRANSACTION VALUATION\* \_\_\_\_\_\_

AMOUNT OF FILING FEE

\_\_\_\_\_\_

- Set forth the amount on which the filing fee is calculated and state how it was determined.
- [ ] Check box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

AMOUNT PREVIOUSLY PAID: Not applicable. FILING PARTY: Not applicable. FORM OR REGISTRATION NO.: Not applicable.

DATE FILED: Not applicable.

[x] Check the box if the filing relates solely to preliminary communications made before the commencement of a tender offer

Check the appropriate boxes below to designate any transactions to which the statement relates:

- [ ] third-party tender offer subject to Rule 14d-1.
- [x] issuer tender offer subject to Rule 13e-4.
- [ ] going-private transaction subject to Rule 13e-3.
- [ ] amendment to Schedule 13D under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer. [ ]

The quarterly report on Form 10-Q of CryoLife, Inc. ("CryoLife") for the period ended June 30, 2003, filed with the Securities and Exchange Commission on August 5, 2003, contained the following statement in both Note 14 ("Subsequent Events") to the financial statements contained in Part 1, Item 1, and in Part 1, Item 2, Management's Discussion and Analysis of Financial Condition and Results of Operations, under the heading, "Liquidity and Capital Resources -- Overall Trend in Liquidity and Capital Resources":

"On August 4, 2003 the Company approved a buyback of employee stock options with an exercise price of \$23 or greater. The option buyback was approved for an aggregate of up to \$350,000 using a Black Scholes valuation model. The Company anticipates making the offer to employees in third quarter of 2003.

NEITHER THE ABOVE STATEMENT NOR THIS QUARTERLY REPORT ON FORM 10-Q IS AN OFFER TO PURCHASE, OR A SOLICITATION OF AN OFFER TO SELL, OPTIONS TO PURCHASE SHARES OF COMMON STOCK OF CRYOLIFE, INC. SUCH AN OFFER WILL BE MADE ONLY BY AN "OFFER TO PURCHASE OPTIONS" AND RELATED "LETTER OF TRANSMITTAL" TO BE DISSEMINATED TO OPTIONHOLDERS AT A LATER DATE. OPTIONHOLDERS INVITED TO PARTICIPATE IN THE BUYBACK DESCRIBED IN THE ABOVE STATEMENT SHOULD READ THESE DOCUMENTS, AS WELL AS CRYOLIFE'S TENDER OFFER STATEMENT ON SCHEDULE TO, WHEN THEY ARE AVAILABLE BECAUSE THEY CONTAIN IMPORTANT INFORMATION. THESE AND OTHER FILED DOCUMENTS WILL BE AVAILABLE FOR FREE FROM THE SEC'S WEBSITE AT WWW.SEC.GOV AND CRYOLIFE. THE OFFER WILL NOT BE MADE TO, NOR WILL TENDERS BE ACCEPTED FROM OR ON BEHALF OF, OPTIONHOLDERS IN ANY JURISDICTION IN WHICH MAKING OR ACCEPTING THE OFFER WOULD VIOLATE THAT JURISDICTION'S LAWS."

Statements made in this Schedule TO that look forward in time or that express management's beliefs, expectations or hopes, including the Company's present intention to launch a tender offer, are forward-looking statements. The tender offer referenced herein may not occur as and when expected, if at all. Projected future events such as the intended tender offer are subject to risks and uncertainties, including the risk factors detailed in CryoLife's Securities and Exchange Commission filings, including CryoLife's Form 10-K filing for the year ended December 31, 2002, and Form 10-Q for the quarter ended June 30, 2003.