

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

SCHEDULE 13D

(Rule 13d-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO § 240.13d-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO
§ 240.13d-2(a)

(Amendment No. 5)¹

SurModics, Inc.
(Name of Issuer)

Common Stock, \$0.05 Par Value
(Title of Class of Securities)

868873100
(CUSIP Number)

JEFFREY C. SMITH
STARBOARD VALUE LP
830 Third Avenue, 3rd Floor
New York, New York 10022
(212) 845-7977

STEVEN WOLOSKY, ESQ.
OLSHAN FROME WOLOSKY LLP
Park Avenue Tower
65 East 55th Street
New York, New York 10022
(212) 451-2300

(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

August 15, 2012
(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

¹ The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the *Notes*).

1	NAME OF REPORTING PERSON STARBOARD VALUE AND OPPORTUNITY MASTER FUND LTD	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION CAYMAN ISLANDS	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,313,247
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,313,247
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,313,247	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.485%	
14	TYPE OF REPORTING PERSON CO	

1	NAME OF REPORTING PERSON STARBOARD VALUE LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,751,000
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,751,000
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON PN	

1	NAME OF REPORTING PERSON STARBOARD VALUE GP LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,751,000
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,751,000
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSON STARBOARD PRINCIPAL CO LP	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,751,000
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,751,000
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON PN	

1	NAME OF REPORTING PERSON STARBOARD PRINCIPAL CO GP LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION DELAWARE	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,751,000
	8	SHARED VOTING POWER - 0 -
	9	SOLE DISPOSITIVE POWER 1,751,000
	10	SHARED DISPOSITIVE POWER - 0 -
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON OO	

1	NAME OF REPORTING PERSON JEFFREY C. SMITH	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION USA	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 3,132 ¹
	8	SHARED VOTING POWER 1,751,000
	9	SOLE DISPOSITIVE POWER 3,132 ¹
	10	SHARED DISPOSITIVE POWER 1,751,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,754,132 ¹	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.998%	
14	TYPE OF REPORTING PERSON IN	

¹ Mr. Smith beneficially owns 3,132 Shares underlying certain options exercisable within 60 days.

1	NAME OF REPORTING PERSON MARK MITCHELL	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION USA	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
	8	SHARED VOTING POWER 1,751,000
	9	SOLE DISPOSITIVE POWER - 0 -
	10	SHARED DISPOSITIVE POWER 1,751,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON IN	

1	NAME OF REPORTING PERSON PETER A. FELD	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="radio"/> (b) <input type="radio"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS OO	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) OR 2(e) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION USA	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER - 0 -
	8	SHARED VOTING POWER 1,751,000
	9	SOLE DISPOSITIVE POWER - 0 -
	10	SHARED DISPOSITIVE POWER 1,751,000
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,751,000	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="radio"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.981%	
14	TYPE OF REPORTING PERSON IN	

The following constitutes Amendment No. 5 (“Amendment No. 5”) to the Schedule 13D filed by the undersigned. This Amendment No. 5 amends the Schedule 13D as specifically set forth herein.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended and restated to read as follows:

The Shares purchased by Starboard V&O Fund and held in the Starboard Value LP Account were purchased with working capital (which may, at any given time, include margin loans made by brokerage firms in the ordinary course of business) in open market purchases, except as otherwise noted, as set forth in Schedule A, which is incorporated by reference herein. The aggregate purchase price of the 1,313,247 Shares beneficially owned by Starboard V&O Fund is approximately \$12,166,612, excluding brokerage commissions. The aggregate purchase price of the 437,753 Shares held in the Starboard Value LP Account is approximately \$4,055,295, excluding brokerage commissions.

The 3,132 Shares owned personally by Jeffrey C. Smith represent Shares underlying certain options exercisable within 60 days that were granted to Mr. Smith as compensation for his service on the Board of Directors of the Issuer (the “Board”).

Item 5. Interest in Securities of the Issuer.

Items 5(a)-(c) are hereby amended and restated to read as follows:

The aggregate percentage of Shares reported owned by each person named herein is based upon 17,544,156 Shares outstanding, as of August 1, 2012, which is the total number of Shares outstanding as reported in the Issuer’s Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission on August 9, 2012.

A. Starboard V&O Fund

- (a) As of the close of business on August 14, 2012, Starboard V&O Fund beneficially owned 1,313,247 Shares.

Percentage: Approximately 7.485%.

- (b) 1. Sole power to vote or direct vote: 1,313,247
2. Shared power to vote or direct vote: 0
3. Sole power to dispose or direct the disposition: 1,313,247
4. Shared power to dispose or direct the disposition: 0

- (c) The transactions in the Shares by Starboard V&O Fund since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

B. Starboard Value LP

- (a) As of the close of business on August 14, 2012, 437,753 Shares were held in the Starboard Value LP Account. Starboard Value LP, as the investment manager of Starboard V&O Fund, may be deemed the beneficial owner of the 1,313,247 Shares owned by Starboard V&O Fund.

Percentage: Approximately 9.981%.

- (b)
 - 1. Sole power to vote or direct vote: 1,751,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,751,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) The transactions in the Shares by Starboard Value LP through the Starboard Value LP Account and on behalf of Starboard V&O Fund since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

C. Starboard Value GP

- (a) Starboard Value GP, as the general partner of Starboard Value LP, may be deemed the beneficial owner of the (i) 1,313,247 Shares owned by Starboard V&O Fund and (ii) 437,753 Shares held in the Starboard Value LP Account.

Percentage: Approximately 9.981%.

- (b)
 - 1. Sole power to vote or direct vote: 1,751,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,751,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) Starboard Value GP has not entered into any transactions in the Shares since the filing of Amendment No. 4 to the Schedule 13D. The transactions in the Shares on behalf of Starboard V&O Fund and through the Starboard Value LP Account since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

D. Principal Co

- (a) Principal Co, as a member of Starboard Value GP, may be deemed the beneficial owner of the (i) 1,313,247 Shares owned by Starboard V&O Fund and (ii) 437,753 Shares held in the Starboard Value LP Account.

Percentage: Approximately 9.981%.

- (b)
 - 1. Sole power to vote or direct vote: 1,751,000
 - 2. Shared power to vote or direct vote: 0
 - 3. Sole power to dispose or direct the disposition: 1,751,000
 - 4. Shared power to dispose or direct the disposition: 0
- (c) Principal Co has not entered into any transactions in the Shares since the filing of Amendment No. 4 to the Schedule 13D. The transactions in the Shares on behalf of Starboard V&O Fund and through the Starboard Value LP Account since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

E. Principal GP

- (a) Principal GP, as the general partner of Principal Co, may be deemed the beneficial owner of the (i) 1,313,247 Shares owned by Starboard V&O Fund and (ii) 437,753 Shares held in the Starboard Value LP Account.

Percentage: Approximately 9.981%.

- (b)
1. Sole power to vote or direct vote: 1,751,000
 2. Shared power to vote or direct vote: 0
 3. Sole power to dispose or direct the disposition: 1,751,000
 4. Shared power to dispose or direct the disposition: 0

- (c) Principal GP has not entered into any transactions in the Shares since the filing of Amendment No. 4 to the Schedule 13D. The transactions in the Shares on behalf of Starboard V&O Fund and through the Starboard Value LP Account since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

F. Mr. Smith

- (a) As of the close of business on August 14, 2012, Mr. Smith directly owned 3,132 Shares underlying certain options exercisable within 60 days. Mr. Smith, as a member of Principal GP and as a member of each of the Management Committee of Starboard Value GP and the Management Committee of Principal GP, may be deemed the beneficial owner of the (i) 1,313,247 Shares owned by Starboard V&O Fund and (ii) 437,753 Shares held in the Starboard Value LP Account.

Percentage: Approximately 9.998%.

- (b)
1. Sole power to vote or direct vote: 3,132
 2. Shared power to vote or direct vote: 1,751,000
 3. Sole power to dispose or direct the disposition: 3,132
 4. Shared power to dispose or direct the disposition: 1,751,000

- (c) Mr. Smith has not entered into any transactions in the Shares since the filing of Amendment No. 4 to the Schedule 13D. The transactions in the Shares on behalf of Starboard V&O Fund and through the Starboard Value LP Account since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

G. Messrs. Mitchell and Feld

- (a) Each of Messrs. Mitchell and Feld, as a member of Principal GP and as a member of each of the Management Committee of Starboard Value GP and the Management Committee of Principal GP, may be deemed the beneficial owner of the (i) 1,313,247 Shares owned by Starboard V&O Fund and (ii) 437,753 Shares held in the Starboard Value LP Account.

Percentage: Approximately 9.981%.

- (b)
 - 1. Sole power to vote or direct vote: 0
 - 2. Shared power to vote or direct vote: 1,751,000
 - 3. Sole power to dispose or direct the disposition: 0
 - 4. Shared power to dispose or direct the disposition: 1,751,000

- (c) Neither of Messrs. Mitchell or Feld has entered into any transactions in the Shares since the filing of Amendment No. 4 to the Schedule 13D. The transactions in the Shares on behalf of Starboard V&O Fund and through the Starboard Value LP Account since the filing of Amendment No. 4 to the Schedule 13D are set forth in Schedule A and are incorporated herein by reference.

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: August 15, 2012

STARBOARD VALUE AND OPPORTUNITY MASTER FUND LTD

By: Starboard Value LP,
its investment manager

STARBOARD VALUE GP LLC

By: Starboard Principal Co LP,
its member

STARBOARD VALUE LP

By: Starboard Value GP LLC,
its general partner

STARBOARD PRINCIPAL CO LP

By: Starboard Principal Co GP LLC,
its general partner

STARBOARD PRINCIPAL CO GP LLC

By: /s/ Jeffrey C. Smith
Name: Jeffrey C. Smith
Title: Authorized Signatory

/s/ Jeffrey C. Smith
JEFFREY C. SMITH
Individually and as attorney-in-fact for Mark Mitchell
and Peter A. Feld

SCHEDULE A**Transactions in the Shares Since the Filing of Amendment No. 4 to the Schedule 13D**

Shares of Common Stock <u>Purchased / (Sold)</u>	Price Per <u>Share(\$)</u>	Date of <u>Purchase / Sale</u>
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STARBOARD VALUE AND OPPORTUNITY MASTER FUND LTD

(46,275)	17.6270	08/14/2012
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**STARBOARD VALUE LP
(Through the Starboard Value LP Account)**

(15,425)	17.6270	08/14/2012
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