

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Amendment No. 1
to

Schedule TO
Tender Offer Statement under Section 14(d)(1) or 13(e)(1)
of the Securities Exchange Act of 1934

DEL CATH SYSTEMS, INC.
(Name of Subject Company (issuer) and Filing Person (offeror))

Redeemable Common Stock Purchase Warrants Issued in 2000
(Title of Class of Securities)

24661P112
(CUSIP Number of Class of Securities)

M. S. Koly
President and Chief Executive Officer
Delcath Systems, Inc.
1100 Summer Street
3rd Floor
Stamford, Connecticut 06905
(203) 323-8668

(Name, address and telephone number of person authorized to receive notices and
communications on behalf of filing person)

Copies to:
Paul G. Hughes
Murtha Cullina LLP
Two Whitney Avenue
P. O. Box 704
New Haven, Connecticut 06503-0704
(203) 772-7726

CALCULATION OF FILING FEE

Transaction Valuation* Amount of Filing Fee
\$324,000 \$ 64.80

* Calculated solely for purposes of determining the filing fee under Rule
0-11(a)(4) based on the last sale of the Redeemable Common Stock Purchase
Warrants issued by the filing person in 2000 on July 7, 2005 of \$0.27 per
warrant.

[X] Check the 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: \$64.80

Form or Registration No.: Schedule TO-I (File No. 5-60851)

Filing party: Delcath Systems, Inc.

Date filed: July 13, 2005

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.

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:

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This Amendment No. 1 to the Issuer Tender Offer Statement on Schedule T0 (this "Amendment No. 1 to the Schedule T0") relates to an offer by Delcath Systems, Inc., a Delaware corporation (the "Company"), to exchange any or all of the Company's 1,200,000 outstanding Redeemable Common Stock Purchase Warrants that it issued in connection with its initial public offering in 2000 (the "2000 Warrants") for the Company's 2005 Redeemable Common Stock Purchase Warrants - Series A (the "Exchange Warrants") upon the terms and subject to the conditions contained in the Offer to Exchange dated the date hereof (the "Offer to Exchange") and the related Letter of Transmittal (collectively, the "Exchange Offer") which are filed as exhibits to this Schedule T0. The Company has extended the Expiration Date of the Exchange Offer from 5:00 p.m., New York time, on August 15, 2005 to 5:00 p.m., New York time, on August 22, 2005.

This Amendment No 1 to the Schedule T0 is being filed in satisfaction of the reporting requirements of Rule 13e-4(c)(2) promulgated under the Securities Exchange Act of 1934, as amended.

Item 1. Summary Term Sheet.

The information under the caption "Summary of the Exchange Offer" in the Exchange Offer includes the information required by Item 1001 of Regulation M-A and is incorporated herein by reference. Terms used herein which are defined in the Exchange Offer are used herein as defined in the Exchange Offer.

Item 2. Subject Company Information

The information required by Item 1002(a) of Regulation M-A is contained on the cover page of the Offer to Exchange and is incorporated herein by reference.

The information required by Item 1002(c) of Regulation M-A is contained in the Offer to Exchange under the caption "Market Values of the 2000 Warrants" and is incorporated herein by reference.

Item 3. Identity and Background of Filing Person

The information required by Item 1003(a) of Regulation M-A is contained on the cover page of the Offer to Exchange or under the caption "Interests of Certain Persons in the Exchange Offer" in the Offer to Exchange and is incorporated herein by reference.

There is no other person who may be deemed to control the Company, and there is no other corporation or other person ultimately in control of the Company.

Item 4. Terms of the Transaction

The information required by Item 1004(a) of Regulation M-A contained in the Offer to Exchange on the cover page and under the captions "Summary of the Exchange Offer," "The Exchange Offer" and "Federal Income Tax Consequences of the Exchange Offer" is incorporated herein by reference.

The information required by Item 1004(b) of Regulation M-A is contained under the caption "Interests of Certain Persons in the Exchange Offer" in the Offer to Exchange and is incorporated herein by reference.

Item 5. Past Contacts, Transactions, Negotiations and Agreements

Not applicable.

Item 6. Purposes of the Transaction and Plans or Proposals

The information required by Item 1006(a) of Regulation M-A is included in the Offer to Exchange under the caption "Summary of the Exchange Offer" and "The Exchange Offer" and is incorporated herein by reference.

There are no plans, proposals or negotiations that relate to or would result in any of the transactions or changed enumerated in Item 1006(c) of Regulation M-A.

Item 7. Source and Amount of Funds or Other Consideration

No funds, borrowed or otherwise, will be expended in connection with the Exchange Offer other than funds to pay expenses incurred by the Company which will be paid from the Company's working capital. The following is an estimate of the expenses incurred or to be incurred by the Company in connection with the Exchange Offer:

Filing fee	\$	65
Legal		75,000
Printing and reproduction		1,000
Miscellaneous		435

All such expenses will be paid by the Company.

Item 8. Interest in Securities of the Subject Company

(a) The information required by Item 1008(a) of Regulation M-A is contained under the caption "Interests of Certain Persons in the Exchange Offer" in the Offer to Exchange and is incorporated herein by reference.

(b) None.

Item 9. Persons/Assets, Retained, Employed Compensated or Used

(a) No person has been employed or retained or will be compensated to make solicitations or recommendations in connection with the Exchange Offer.

(b) The executive officers of the Company will provide certain ministerial services in connection with the preparation and distribution of the Offer to Exchange and the issuance of Exchange Warrants for any 2000 Warrants that are exchanged in accordance with the terms of the Exchange Offer. No executive officer will receive additional compensation for providing such services.

Item 10. Financial Statements

The Company believes that the information described in Item 1010(a) and (b) of Regulation M-A is not material in connection with the Exchange Offer and is, therefore, as provided in Item 10 of Schedule T0, not required herein or in the Offer to Exchange.

Item 11. Additional Information

None.

Item 12. Exhibits

Exhibit No.	Description
(a)(1)(i)	Cover letter and Offer to Exchange dated July 13, 2005 (incorporated by reference to Exhibit (a)(1)(i) to the Company's Schedule T0-I (File No. 5-60851)).
(a)(1)(ii)	Form of Letter of Transmittal (incorporated by reference to Exhibit (a)(1)(ii) to the Company's Schedule T0-I (File No. 5-60851)).
(a)(1)(iii)	Form of Letter to Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees (incorporated by reference to Exhibit (a)(1)(iii) to the Company's Schedule T0-I (File No. 5-60851)).
(a)(1)(iv)	Form of Letter to Clients (incorporated by reference to Exhibit (a)(1)(iv) to the Company's Schedule T0-I (File No. 5-60851)).
(a)(1)(v)	Form of Notice of Guaranteed Delivery (incorporated by reference to Exhibit (a)(1)(v) to the Company's Schedule T0-I (File No. 5-60851)).
(a)(1)(vi)	Notice of Extension of Offer to Exchange dated August 15, 2005.

Item 13. Information Required by Schedule 13E-3.

Not applicable.

SIGNATURE

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this Amendment No. 1 to the Schedule TO is true, complete and correct.

DELCATH SYSTEMS, INC.

By: /s/ M. S. KOLY

M. S. Koly
President and Chief Executive
Officer

Date: August 18, 2005

EXHIBIT INDEX

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DELCATH SYSTEMS, INC.
1100 SUMMER STREET
3rd Floor
Stamford, Connecticut 06905

NOTICE OF EXTENSION
OF
OFFER TO EXCHANGE
ITS
2005 REDEEMABLE COMMON STOCK PURCHASE WARRANTS - SERIES A
FOR ALL OF ITS OUTSTANDING
COMMON STOCK PURCHASE WARRANTS ISSUED IN 2000

August 15, 2005

NOTICE IS HEREBY GIVEN that DELCATH SYSTEMS, INC., a Delaware corporation (the "Company") has exercised its right unilaterally to extend its offer to exchange (the "Exchange Offer") any or all of the 1,200,000 outstanding Redeemable Common Stock Purchase Warrants issued by it in 2000 (the "2000 Warrants") for an equal number of 2005 Redeemable Common Stock Purchase Warrants - - Series A.

As extended, the Exchange Offer will expire at 5:00 P.M., New York time, on August 22, 2005, unless the Company, in its sole discretion, extends it (such date, as extended if applicable, the "Expiration Date").

Reference is made to the Company's Offer to Exchange dated July 13, 2005 for a more complete description of the terms and conditions of the Exchange Offer. Any holder of 2000 Warrants who wishes to obtain additional copies of the Offer to Exchange and related documents should contact the Company at 1100 Summer Street, Stamford, Connecticut 06905; telephone: (203) 323-8668.

Any beneficial owner of 2000 Warrants who holds such 2000 Warrants in street name and who wishes to exchange 2000 Warrants for Exchange Warrants should contact his bank, broker or other intermediary for information about participating in the Exchange Offer.

An investment in the Exchange Warrants involves various risks. Please see "RISK FACTORS - Risks Related to an Investment in the Exchange Warrants" in the Offer to Exchange.

If you have any questions concerning the exchange offer or if you need assistance in completing the Letter of Transmittal, please contact American Stock Transfer & Trust Company at (800) 937-5449 or the undersigned at (203) 323-8668.

Very truly yours,

DELCATH SYSTEMS, INC.

By: /s/ M. S. KOLY

M. S. Koly
President and Chief Executive Officer