As filed with the Securities and Exchange Commission on February 10, 2004

Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-3

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

KVH INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

05-0420589 (I.R.S. Employer Identification Number)

50 Enterprise Center Middletown, Rhode Island 02842 (401) 847-3327

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Martin A. Kits van Heyningen President and Chief Executive Officer KVH Industries, Inc. 50 Enterprise Center Middletown, Rhode Island 02842 (401) 847-3327

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Adam Sonnenschein, Esq. John D. Hancock, Esq. Foley Hoag LLP 155 Seaport Boulevard Boston, Massachusetts 02210 Telephone: (617) 832-1000 Fascimile: (617) 832-7000

Approximate date of commencement of proposed sale to the public: As soon as practicable after this registration statement becomes effective.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. o

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. o

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. \boxtimes 333-110802

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. o

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered	Proposed maximum offering price per share	Proposed maximum aggregate offering price	Amount of registration fee
Common stock, \$.01 par value	162,500 (1)	\$18.75	\$3,046,875	\$386.04(2)

- (1) This registration statement relates to the same offering we are conducting under our registration statement on Form S-3, Registration No. 333-110802 (the "Initial Registration Statement"). In accordance with Rule 462(b) under the Securities Act of 1933, as amended, this registration statement registers additional shares of common stock in an amount and at a price that together represent no more than 20% of the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table contained in the Initial Registration Statement, which maximum aggregate offering price was \$85,350,000.
- (2) The registrant hereby certifies to the Securities and Exchange Commission (the "Commission") that it has given irrevocable instructions to its bank to transmit to the Commission the applicable filing fee for this registration statement by wire transfer to the Commission's account as soon as practicable but no later than the close of business on February 11, 2004; that it will not revoke such instructions; that it has sufficient funds in its account to cover the amount of the filing fee; and that it will confirm receipt of its instructions by its bank during regular business hours on or before February 11, 2004.

The registration statement shall become effective upon filing with the Securities and Exchange Commission in accordance with Rule 462(b) under the Securities Act of 1933, as amended.

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EXPLANATORY NOTE

This registration statement is being filed to register an additional 162,500 shares of our common stock, par value \$0.01 per share, pursuant to Rule 462(b) under the Securities Act of 1933, as amended. In accordance with Rule 462(b), this registration statement incorporates by reference the contents of our registration statement on Form S-3 (File No. 333-110802), which was declared effective on December 5, 2003, including all amendments and exhibits thereto and all information incorporated by reference therein, other than the exhibits included herein.

The required opinions and consents are listed on the Exhibit Index attached to and filed with this registration statement.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Middletown, Rhode Island, on February 9, 2004.

KVH INDUSTRIES, INC.

By: /s/ Martin A. Kits van Heyningen

Martin A. Kits van Heyningen, President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

SIGNATURE	TITLE	DATE
/s/ Martin A. Kits van Heyningen	President, Chief Executive Officer and Director (principal executive	February 9, 2004
Martin A. Kits van Heyningen	officer)	
/s/ Patrick J. Spratt	Chief Financial Officer (principal financial and accounting officer)	February 9, 2004
Patrick J. Spratt		
*	Chairman of the Board	February 9, 2004
Arent H. Kits van Heyningen		
*	Director	February 9, 2004
Robert W.B. Kits van Heyningen		
*	Director	February 9, 2004
Mark S. Ain		
*	Director	February 9, 2004
Stanley K. Honey		
*	Director	February 9, 2004
Bruce J. Ryan		
*	Director	February 9, 2004
Charles R. Trimble		
* By: /s/ Martin A. Kits van Heyningen		
Martin A. Kits van Heyningen, Attorney-in-Fact		
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INDEX TO EXHIBITS

Exhibit Number	Exhibit Description
5.1	Opinion of Foley Hoag LLP
23.1	Consent of KPMG LLP, independent auditors
23.2	Consent of Foley Hoag LLP (included in Exhibit 5.1)
24.1	Power of Attorney (previously filed on the signature page to our registration statement on Form S-3 (SEC No. 333-110802) filed with the SEC on

24.1 Power of Attorney (previously filed on the signature page to our registration statement on Form S-3 (SEC No. 333-110802) filed with the SEC on November 26, 2003)

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February 10, 2004

KVH Industries, Inc. 50 Enterprise Center Middletown, RI 02842

Ladies and Gentlemen:

We have acted as counsel to KVH Industries, Inc., a Delaware corporation (the "Company"), in connection with the filing on the date hereof of a Registration Statement on Form S-3 (the "Rule 462(b) Registration Statement") with the Securities and Exchange Commission (the "Commission") pursuant to Rule 462(b) under the Securities Act of 1933, as amended (the "Securities Act"). The Rule 462(b) Registration Statement registers 162,500 shares (the "Shares") of common stock, par value \$0.01 per share, of the Company (the "Common Stock") for the same offering that the Company is conducting under its Registration Statement on Form S-3, Registration No. 333-110802 (the "Initial Registration Statement"), filed with the Commission under the Securities Act, the related Prospectus (the "Prospectus") dated December 5, 2003 and the related Prospectus Supplement (the "Prospectus Supplement") dated the date hereof relating to the proposed public offering by the Company of an aggregate of up to 3,162,500 shares of Common Stock, including the Shares. The public offering is to be made pursuant to an Underwriting Agreement (the "Underwriting Agreement") dated February 9, 2004 by and among the Company and Needham & Company, Inc., SG Cowen Securities Corporation, Raymond James & Associates, Inc. and C.E. Unterberg, Towbin, as representatives of the underwriters set forth on Schedule I thereto (the "Underwriters").

We are familiar with the Company's Certificate of Incorporation and all amendments thereto and restatements thereof, its By-Laws and all amendments thereto and restatements thereof, the records of meetings and consents of its Board of Directors and of its stockholders provided to us by the Company, and its stock records. In addition, we have examined and relied on the originals or copies certified or otherwise identified to our satisfaction of all such corporate records of the Company and such other instruments and other certificates of public officials, officers and representatives of the Company and such other persons, and we have made such investigations of law, as we have deemed appropriate as a basis for the opinions expressed below.

We express no opinion as to the laws of any state or jurisdiction other than the General Corporation Law of the State of Delaware (including applicable provisions of the Delaware Constitution and reported judicial decisions interpreting such Law and such Constitution) and the federal laws of the United States of America.

Seaport World Trade Center West / 155 Seaport Blvd. / Boston, MA 02210-2600 / TEL: 617.832.1000 / FAX: 617.832.7000

Foley Hoag LLP

Boston

Washington, DC

www.foleyhoag.com

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Based upon and subject to the foregoing, it is our opinion that the issuance, offer and sale of the Shares as described in the Rule 462(b) Registration Statement (which includes the contents of the Initial Registration Statement), the Prospectus and the Prospectus Supplement have been duly authorized by all necessary corporate action on the part of the Company and that the Shares, when issued and paid for as contemplated by the Underwriting Agreement, will be validly issued, fully paid and nonassessable.

We consent to the filing of this opinion as an exhibit to the Rule 462(b) Registration Statement and to the reference to us under the heading "Legal Matters" in each of the Prospectus and the Prospectus Supplement. In giving such consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Securities and Exchange Commission.

Sincerely,

FOLEY HOAG LLP

By: /s/ Adam Sonnenschein

A Partner

Independent Auditors' Consent

The Board of Directors KVH Industries, Inc.:

We consent to the use of our report incorporated by reference herein and to the reference to our firm under the heading "Experts" in the prospectus.

/s/KPMG LLP

Providence, Rhode Island February 10, 2004

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