Seanergy Maritime Holdings Corp. Form 6-K November 17, 2009

FORM 6-K SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934 For November 13, 2009 Commission File Number: 001-33670 SEANERGY MARITIME HOLDINGS CORP. 1-3 Patriarchou Grigoriou 16674 Glyfada

Athens, Greece

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F. Form 20-F b Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation, S-T Rule 101(b)(1):

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Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

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Indicate by check mark whether the registrant by furnishing the information contained in this Form, is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes o No b

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

On November 13, 2009, Seanergy Maritime Holdings Corp. issued a press release announcing it has received a waiver extension on its market-value-to loan covenant up to January 1, 2011.

A copy of the related press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference. **SUBMITTED HEREWITH:**

Exhibits

99.1 Press Release dated November 13, 2009.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Seanergy Maritime Holdings Corp.

Dated: November 16, 2009

By: /s/ Christina Anagnostara Name: Christina Anagnostara Title: Chief Financial Officer

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