Seanergy Maritime Holdings Corp. Form 6-K October 18, 2012

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 the month of October 2012

Commission File Number: 001-34848

SEANERGY MARITIME HOLDINGS CORP.

(Translation of registrant's name into English)

1-3 Patriarchou Grigoriou 166 74 Glyfada Athens, Greece (Address of principal executive office)

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

Form 20-F [X] Form 40-F []

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): ____

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

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:

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

INFORMATION CONTAINED IN THIS FORM 6-K REPORT

Attached hereto as Exhibit 1 is a press release of Seanergy Maritime Holdings Corp. (the "Company") dated October 16, 2012, announcing that the Company sold its vessel, the Clipper Grace, a 30,548 dwt Handysize drybulk vessel built in 2007, at a gross price of US\$11.25 million.

EXHIBIT 1

SEANERGY MARITIME HOLDINGS CORP. ANNOUNCES SALE OF HANDYSIZE VESSEL

October 16, 2012 - Athens, Greece - Seanergy Maritime Holdings Corp. (the "Company") (NASDAQ: SHIP) announced today the sale of the Clipper Grace, a 30,548 dwt Handysize drybulk vessel, built in 2007, at a gross price of US\$11.25 million. The vessel was delivered to its new owners on October 15, 2012. The Company will use the sale proceeds to reduce debt and for working capital purposes.

Following the completion of sale of the Clipper Grace, the Company's fleet consists of two Capesize, three Panamax, two Supramax and nine Handysize dry bulk carriers with an average age of 14.4 years.

About Seanergy Maritime Holdings Corp.

Seanergy Maritime Holdings Corp. is a Marshall Islands corporation with its executive offices in Athens, Greece. The Company is engaged in the transportation of dry bulk cargoes through the ownership and operation of dry bulk carriers.

The Company's current fleet consists of 16 dry-bulk carriers (two Capesize, three Panamax, two Supramax, and nine Handysize vessels) with a total carrying capacity of approximately 881,366 dwt and an average fleet age of 14.4 years.

The Company's common stock trades on the NASDAQ Global Market under the symbol "SHIP".

Forward-Looking Statements

This press release contains forward-looking statements (as defined in Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended) concerning future events and the Company's growth strategy and measures to implement such strategy. Words such as "expects," "intends," "plans," "believes," "anticipates," "hopes," "estimates," and variations of such words and similar expressions are intended to identify forward-looking statements. Although the Company believes that such expectations will prove to have been correct, these statements involve known and unknown risks and are based upon a number of assumptions and estimates, which are inherently subject to significant uncertainties and contingencies, many of which are beyond the control of the Company. Actual results may differ materially from those expressed or implied by such forward-looking statements. Factors that could cause actual results to differ materially include, but are not limited to, the scope and timing of Securities and Exchange Commission ("SEC") and other regulatory agency review, competitive factors in the market in which the Company operates; risks associated with operations outside the United States; and other factors listed from time to time in the Company's filings with the SEC. The Company's filings can be obtained free of charge on the SEC's website at www.sec.gov. The Company expressly disclaims any obligations or undertaking to release publicly any updates or revisions to any forward-looking statements contained herein to reflect any change in the Company's expectations with respect thereto or any change in events, conditions or circumstances on which any statement is based.

For further information please contact:

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SIGNATURES

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

SEANERGY MARITIME HOLDINGS CORP. (Registrant)

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

Dated: October 17, 2012

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