

StealthGas Inc.
Form 6-K
February 14, 2014

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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of February 2014

Commission File Number 000-51559

STEALTHGAS INC.

(Translation of registrant's name into English)

331 Kifissias Avenue Erithrea 14561 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 ☒ 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): ☐

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): ☐

This Report on Form 6-K is hereby incorporated by reference into (1) the Registration Statement on Form S-8 (Reg. No. 333-144240) of StealthGas Inc. filed with the Securities and Exchange Commission (SEC) on June 29, 2007 and the reoffer prospectus, dated June 29, 2007, contained therein, (2) the Registration Statement on Form F-3 of StealthGas Inc. (Registration No. 333-143804) and (3) the Registration Statement on Form F-3 of StealthGas Inc. (Registration No. 333-189971), and in each case to be a part thereof from the date on which this Report is furnished, to the extent not superseded by documents or reports subsequently filed or furnished.

EXHIBIT INDEX

- 1.1 Underwriting Agreement, dated February 10, 2014, among StealthGas Inc., and Global Hunter Securities, LLC as Underwriter.
- 5.1 Opinion of Reeder & Simpson P.C. (Marshall Islands counsel to the Company), dated February 14, 2013.

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.

Date: February 14, 2014

STEALTHGAS INC.

By: /s/ Harry Vafias

Name: Harry Vafias

Title: Chief Executive Officer