

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure

On November 7, 2012, Electromed, Inc. (the “Company”) mailed a letter from its interim chief executive officer to the Company’s shareholders, dated November 5, 2012, updating the Company’s shareholders on recent Company developments. The full text of the shareholder letter is set forth in Exhibit 99.1 attached hereto and is incorporated by reference in this Current Report on Form 8-K as if fully set forth herein.

The information contained in this Current Report on Form 8-K, including the Exhibit 99.1 attached hereto and incorporated herein, shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section, and shall not be incorporated by reference into any registration statement pursuant to the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits

(a) Financial statements: None.

(b) Pro forma financial information: None.

(c) Shell company transactions: None.

(d) Exhibits:

99.1 Shareholder letter dated November 7, 2012

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 hereunto duly authorized.

Electromed, Inc.

Date: November 8, 2012 By /s/ Jeremy Brock
Name: Jeremy Brock
Title: Chief Financial Officer

UNITED STATES

**SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

**ELECTROMED, INC.
EXHIBIT INDEX TO FORM 8-K**

Date of Report: Commission File No.:
November 7, 2012 001-34839

| Exhibit Number | Description |
|-------------------|--|
| 99.1 | Shareholder letter issued November 7, 2012 |