

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

FORM 12b-25

NOTIFICATION OF LATE FILING

(Check One):

Form 10-K  Form 20-F  Form 11-K  Form 10-Q  Form 10-D  Form N-SAR  
 Form N-CSR

For Period Ended: September 30, 2013

- Transition Report on Form 10-K  
 Transition Report on Form 20-F  
 Transition Report on Form 11-K  
 Transition Report on Form 10-Q  
 Transition Report on Form N-SAR

For the Transition Period Ended: \_\_\_\_\_

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates: \_\_\_\_\_

**PART I -- REGISTRANT INFORMATION**

**ARRHYTHMIA RESEARCH TECHNOLOGY INC.**

Full Name of Registrant

25 Sawyer Passway

Address of Principal Executive Office (Street and Number)

Fitchburg, MA 01420

City, State and Zip Code

## **PART II -- RULES 12b-25(b) AND (c)**

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate.)

(a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;

(b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and

(c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

## **PART III -- NARRATIVE**

State below in reasonable detail the reasons why Forms 10-K, 20-F, 11-K, 10-Q, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

The Registrant is unable to file its Quarterly Report on Form 10-Q for the quarter ended September 30, 2013 within the prescribed time period due to the compressed review schedule and process necessitated by the timing of the engagement of its new independent registered public accountants. Although management is working diligently to complete the process needed to finalize the Form 10-Q and to provide the Audit Committee with the information required to review the Form 10-Q, additional time is required to do so. The Registrant currently intends to file such Form 10-Q on or before the fifth calendar day following the prescribed due date.

## **PART IV -- OTHER INFORMATION**

(1) Name and telephone number of person to contact in regard to this notification

Derek T. Welch  
(Name)

(978) 345-5000  
(Area Code) (Telephone Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s).  Yes |  No

(3) Is it anticipated that any significant change in results of operations for the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? |  Yes  No

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

Arrhythmia Research Technology Inc.  
(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: November 15, 2013      Arrhythmia Research Technology Inc.  
(Registrant)

By: /s/ Derek T. Welch

\_\_\_\_\_  
Derek T. Welch

Corporate Controller

(principal financial and accounting officer)

Instruction: The form may be signed by an executive officer of the registrant or by any other duly authorized representative. The name and title of the person signing the form shall be typed or printed beneath the signature. If the statement is signed on behalf of the registrant by an authorized representative (other than an executive officer), evidence of the representative's authority to sign on behalf of the registrant shall be filed with the form.

ATTENTION

Intentional misstatements or omissions of fact constitute Federal criminal violations. (See 18 U.S.C. 1001).